

# GOAT ANTI-CHRNA9 ANTIBODY

**SKU:** EB09360



## SPECIFICATIONS

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>             | 100 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonym / Alias Names</b> | nicotinic acetylcholine receptor subunit alpha 9 neuronal acetylcholine receptor protein, alpha-9 subunit cholinergic receptor, nicotinic, alpha polypeptide 9 acetylcholine receptor, neuronal nicotinic, alpha-9 subunit NACHR alpha 9 NACHRA9 MGC142135 MGC142109 HSA243342 cholinergic receptor, nicotinic, alpha 9 CHRNA9                                                                                                                                                                                                                                               |
| <b>Accession ID</b>          | NP_060051.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Blocking Peptide</b>      | EBP09360                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>             | Peptide with sequence C-NLKAARNKDLSRKKD, from the internal region of the protein sequence according to NP_060051.2.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Peptide Sequence</b>      | C-NLKAARNKDLSRKKD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Predicted Species</b>     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Human Gene ID</b>         | 55584                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png</a>                                                                                                                                                                                                                                                                                                                                      |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:64000.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Western Blot</b>          | Preliminary experiments gave an approx 30kDa band in Human Brain (Cerebellum) and Skin lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 54.8kDa according to NP_060051.2. The 30kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported? |
| <b>Application Type</b>      | Pep-ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |