

GOAT ANTI-CHRNA4 (AA29-43) ANTIBODY

SKU: EB08852



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	neuronal nicotinic acetylcholine receptor alpha-4 subunit neuronal acetylcholine receptor alpha 4 subunit cholinergic receptor, nicotinic, alpha polypeptide 4 cholinergic receptor, nicotinic, alpha 4 subunit NACRA4 EBN1 EBN BFNC cholinergic receptor, nicotinic, alpha 4 CHRNA4
Usage Summary	This antibody was shown unfit for immune precipitation.
Accession ID	NP_000735.1
Blocking Peptide	EBP08852
Immunogen	Peptide with sequence C-HVETRAHAEERLLKK, from the internal region of the protein sequence according to NP_000735.1.
Product Comments	This antibody is expected NOT to cross-react with the similar alpha 2 subunit.
Peptide Sequence	C-HVETRAHAEERLLKK
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human, Rat
Human Gene ID	1137
Mouse Gene ID	11438
Rat Gene ID	25590
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:64000.

**Western
Blot**

Approx 70kDa band observed in Rat Brain lysates (calculated MW of 70.0kDa according to Human NP_000735.1 and of 70.2kDa according to Rat NP_077330.1). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 22kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported? ~75kDa confirmed in both human and rat tissues as the glycoprotein by an anonymous customer.

**Application
Type**

Pep-ELISA, WB

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

