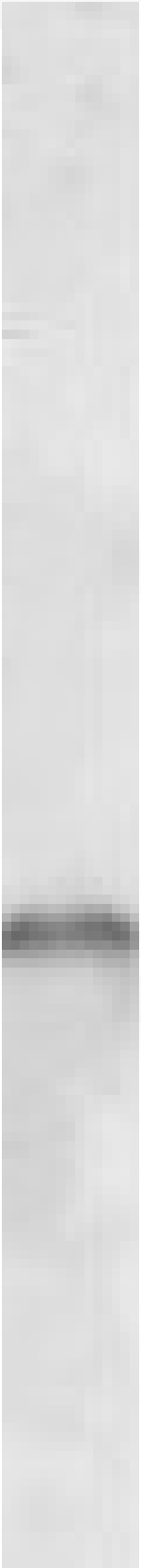


# GOAT ANTI-SMN1 / SMN2 ANTIBODY

**SKU:** EB07704



250kDa  
150kDa  
100kDa  
75kDa  
  
50kDa  
37kDa  
  
25kDa  
20kDa  
  
15kDa

## SPECIFICATIONS

|                              |                                                                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                                                                                                                   |
| <b>Unit Size</b>             | 100 µg                                                                                                                                                                                                                            |
| <b>Storage Instructions</b>  | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                                                                                        |
| <b>Synonym / Alias Names</b> | SMNC C-BCD541 BCD541 survival of motor neuron 2, centromeric SMN2 gemin 1 T-BCD541 SMNT SMN SMA4 SMA3 SMA2 SMA1 BCD541 survival of motor neuron 1, telomeric SMN1                                                                 |
| <b>Accession ID</b>          | NP_075012.1; NP_000335.1; NP_075013.1; NP_075014.1; NP_075015.1; NP_059107.1                                                                                                                                                      |
| <b>Blocking Peptide</b>      | EBP07704                                                                                                                                                                                                                          |
| <b>Immunogen</b>             | Peptide with sequence C-DESENRSPPGNKSDN, from the internal region of the protein sequence according to NP_075012.1; NP_000335.1; NP_075013.1; NP_075014.1; NP_075015.1; NP_059107.1.                                              |
| <b>Product Comments</b>      | This antibody is expected to recognise isoforms b and d of SMN1 (NP_075012.1 and NP_000335.1) and all reported isoforms of SMN2 (NP_075013.1, NP_075014.1, NP_075015.1 and NP_059107.1).                                          |
| <b>Peptide Sequence</b>      | C-DESENRSPPGNKSDN                                                                                                                                                                                                                 |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.                                                                                             |
| <b>Shipping Instructions</b> | Refrigerated                                                                                                                                                                                                                      |
| <b>Predicted Species</b>     | Human                                                                                                                                                                                                                             |
| <b>Reactive Species</b>      | Human                                                                                                                                                                                                                             |
| <b>Human Gene ID</b>         | 6606, 6607                                                                                                                                                                                                                        |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a> |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:32000.                                                                                                                                                                                        |
| <b>Western Blot</b>          | Approx 26kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 28.5kDa according to NP_075012.1 and NP_075014.1). Recommended concentration: 0.3-1µg/ml.                                                        |
| <b>Application Type</b>      | Pep-ELISA, WB                                                                                                                                                                                                                     |

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

