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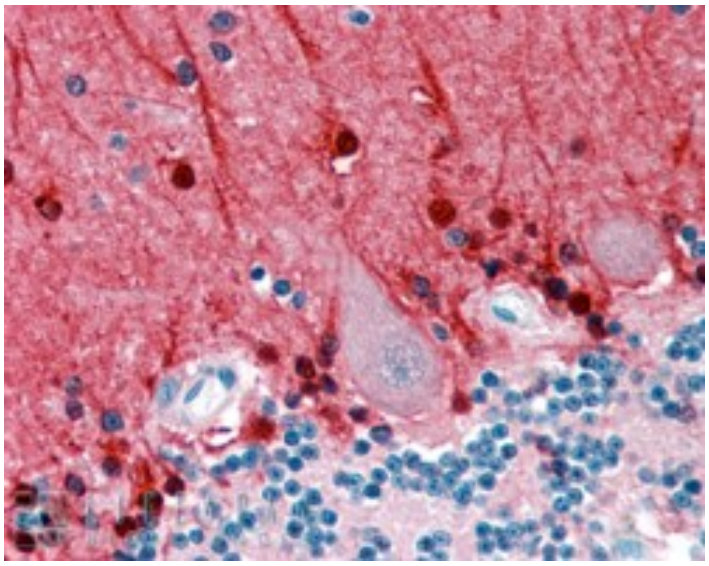
# GOAT ANTI-AMPHIPHYSIN / AMPH ANTIBODY

**SKU:** EB07245



## SPECIFICATIONS

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|---|---|
| **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** | AMPH\|amphiphysin\|amphiphysin (Stiff-Man syndrome with breast cancer 128kDa autoantigen)\|HGNC:471\|AMPH1 |
| **Accession ID** | NP_001626.1; NP_647477.1 |
| **Blocking Peptide** | EBP07245 |
| **Immunogen** | Peptide with sequence C-KRKDESRISKAE, from the internal region of the protein sequence according to NP_001626.1; NP_647477.1. |
| **Product Comments** | This antibody is expected to recognise both reported isoforms (NP_001626.1 and NP_647477.1). |
| **Peptide Sequence** | C-KRKDESRISKAE |
| **Purification Method** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |

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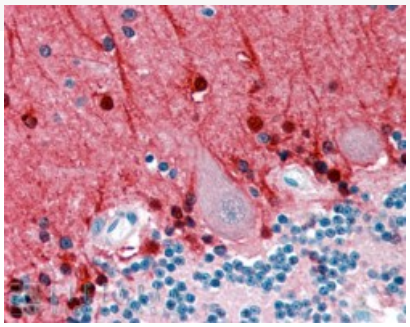
| **Shipping Instructions** | Refrigerated |
| **Predicted Species** | Human, Mouse, Rat, Dog |
| **Reactive Species** | Human, Mouse |
| **Human Gene ID** | 273 |
| **Mouse Gene ID** | 218038 |
| **Product Grade** | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| **IHC Results** | In paraffin embedded Human Cerebellum shows nuclear and fibrous staning. Recommended concentration, 2-4µg/ml. |
| **ELISA Detection Limit** | Antibody detection limit dilution 1:16000. |
| **Western Blot** | Approx 125kDa band observed in mouse brain lysates (calculated MW of 76.3kDa according to NP_001626.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Wigge et al, Mol Biol Cell. 1997 Oct;8(10):2003-15.; PMID: 9348539). Recommended concentration: 0.1-0.5µg/ml. A minor band of unknown identity was also consistently observed at 45kDa. This band was successfully blocked by incubation with the immunising 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? |
| **Application Type** | Pep-ELISA, WB, IHC |

# DOCUMENTS

- Data Sheet

# GALLERY IMAGES

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