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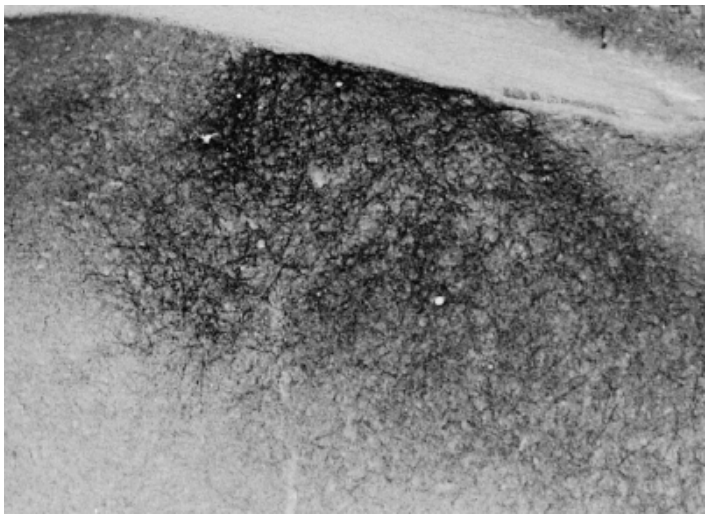
GOAT ANTI-PROENKEPHALIN (MOUSE) ANTIBODY

SKU: EB08196



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	proenkephalin
Accession ID	NP_001002927.1
Blocking Peptide	EBP08196
Immunogen	Peptide with sequence C-YKDSSKQDESH, from the internal region of the protein sequence according to NP_001002927.1.
Peptide Sequence	C-YKDSSKQDESH
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse, Rat

Reactive Species	Mouse, Rat
Mouse Gene ID	18619
Rat Gene ID	29237
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Frozen section of Rat Brain (Striatum) shows staining of dense enkephalinergic axon plexus. Frozen section of the Mouse Brain (Stria terminalis) shows staining of a dense enkephalinergic fibre network in the bed nucleus. Recommended concentration, 0.02-0.05µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Preliminary experiments gave an approx 40kDa band in Rat Brain lysates after 0.2µg/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 30.8kDa according to Mouse NP_001002927.1 and 30.9kDa according to Rat NP_058835.1. The 40kDa band was successfully blocked by incubation with the immunizing peptide.
Application Type	Pep-ELISA, IHC

DOCUMENTS

- Data Sheet

GALLERY IMAGES