www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-PROENKEPHALIN ANTIBODY

SKU: EB08195


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

www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

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	PENK|proenkephalin
Accession ID	NP_006202.1
Blocking Peptide	EBP08195
Immunogen	Peptide with sequence C-RSHHQDGSDNEE, from the internal region of the protein sequence according to NP_006202.1.
Peptide Sequence	C-RSHHQDGSDNEE
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
Reactive Species	Human
Human Gene ID	5179
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 Human Hypothalamus shows staining of dense enkephalinergic axon plexus and scattered neuronal cell bodies (higher magnification inset) in the human infundibular nucleus. Recommended concentration: 0.3-1µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx 37kDa band observed in Human Adrenal Gland lysates (calculated MW of 30.8kDa according to NP_006202.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Normant and Loh, Endocrinology. 1998 Apr;139(4):2137-45; PMID: 9529003). Recommended concentration: 1-3µg/ml.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 25713511, "intro": "**This antibody has been successfully used in IHC in Human:**", "title": "Neuropeptide co-expression in hypothalamic kisspeptin neurons of laboratory animals and the human.", "author": "Skrapits K, Borsay BÁ, Herczeg L, Ciofi P, Liposits Z, Hrabovszky E.", "journal": "Front Neurosci. 2015 Feb 10;9:29."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600