

Product Datasheet

Proenkephalin Antibody NBP1-06066

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

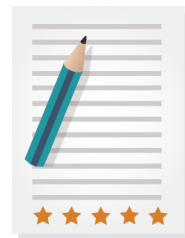
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NBP1-06066**Proenkephalin Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	5179
Gene Symbol	PENK
Species	Human
Immunogen	Peptide with sequence C-RSHHQDGSDNEE corresponding to internal region according to NP_006202.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry 0.3 - 1 ug/ml, Immunohistochemistry-Frozen 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 37 kDa band observed in human adrenal gland lysates is reported in scientific literature (PMID: 9529003). IHC-Fr: Human hypothalamus shows staining of dense enkephalinergic axon plexus and scattered neuronal cell bodies (higher magnification inset) in the human infundibular nucleus.



Images

Western Blot: Proenkephalin Antibody [NBP1-06066] - (0.3ug/ml) staining of Human Adrenal Gland lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

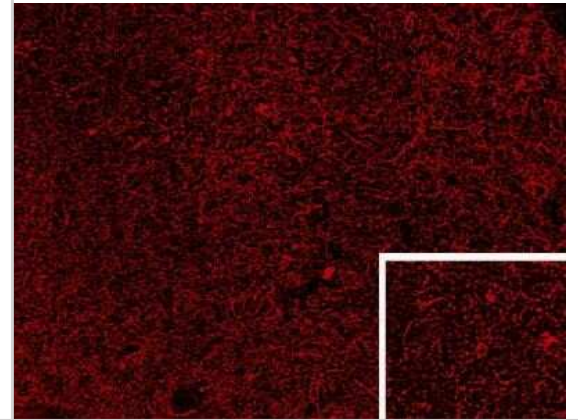
250kDa
150kDa
100kDa
75kDa

50kDa
37kDa

25kDa
20kDa

15kDa

Immunohistochemistry-Frozen: Proenkephalin Antibody [NBP1-06066] - Section of Human Hypothalamus shows staining of dense enkephalinergic axon plexus and scattered neuronal cell bodies (higher magnification inset) in the human infundibular nucleus.



Publications

Schiltz CA, Bremer QZ, Landry CF, Kelley AE. Food-associated cues alter forebrain functional connectivity as assessed with immediate early gene and proenkephalin expression. BMC Biol 2007-04-26 [PMID: 17462082]



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Products Related to NBP1-06066

NBL1-14289	Proenkephalin Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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