

Rabbit anti-Human PENK Polyclonal Antibody | anti-PENK antibody

PENK Polyclonal Antibody

CATALOG # AAA173851	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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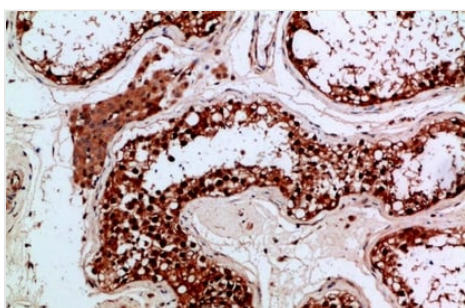
PRODUCT SYNONYMS

PENK; Polyclonal Antibody; PENK Polyclonal Antibody; anti-PENK antibody

PRODUCT SPECIFICATIONS

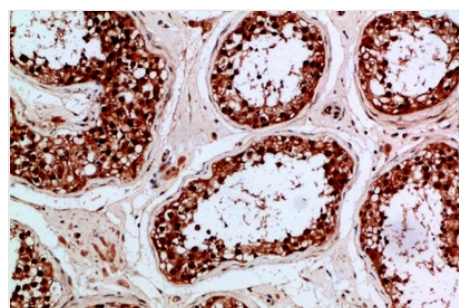
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	267
Applicable Applications for anti-PENK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide from human protein
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



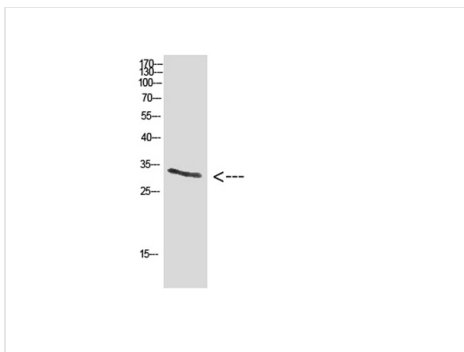
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human testis tissue using PENK Polyclonal Antibody at dilution of 1:200.



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WB (Western Blot)

Western Blot analysis of NT28 cells using PENK Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-PENK antibody

PENK (Proenkephalin) is a Protein Coding gene. Diseases associated with PENK include Cannabis Dependence and Radiculopathy. Among its related pathways are GPCR Pathway and Peptide ligand-binding receptors. GO annotations related to this gene include neuropeptide hormone activity and opioid peptide activity. An important paralog of this gene is PDYN. This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include the pentapeptide opioids Met-enkephalin and Leu-enkephalin, which are stored in synaptic vesicles, then released into the synapse where they bind to mu- and delta-opioid receptors to modulate the perception of pain. Other non-opioid cleavage products may function in distinct biological activities.

NCBI AND UNIPROT INFORMATION

NCBI GI #	208879446
NCBI GeneID	5179
NCBI Accession #	NP_001129162.1
NCBI GenBank Nucleotide #	NM_001135690.2
UniProt Accession #	P01210; Q6FHC6; Q6FHE6; B2RC23
Molecular Weight	Calculated Molecular Weight: 31kDa Observed Molecular Weight: 33kDa
NCBI Official Full Name	proenkephalin-A preproprotein
NCBI Official Synonym Full Names	proenkephalin
NCBI Official Symbol	PENK
NCBI Official Synonym Symbols	PE; PENK-A
NCBI Protein Information	proenkephalin-A
UniProt Protein Name	Proenkephalin-A
UniProt Gene Name	PENK
UniProt Synonym Gene Names	OGF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/penk-antibody-immunohistochemistry-western-blot-elisa/173851>