

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

PENK Antibody (Center)

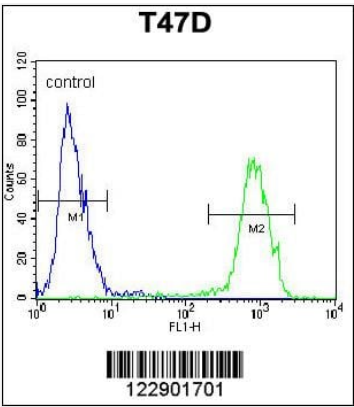
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289622	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

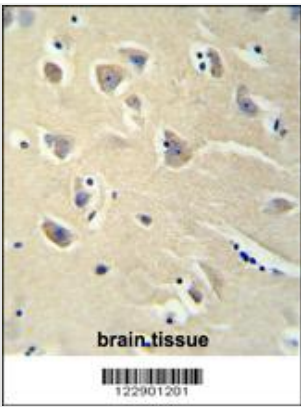
PENK; Polyclonal Antibody; PENK Antibody (Center); Proenkephalin-A; Synenkephalin; Met-enkephalin; Opioid growth factor; OGF; PENK(114-133); PENK(143-183); Met-enkephalin-Arg-Gly-Leu; Leu-enkephalin; PENK(237-258); Met-enkephalin-Arg-Phe; anti-PENK antibody

PRODUCT SPECIFICATIONS

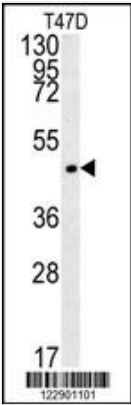
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PENK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-174 amino acids from the Central region of human PENK.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	145-174
Sequence Length	267
Applicable Applications for anti-PENK antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PENK Antibody (Center) flow cytometric analysis of T47D cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
PENK antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PENK antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PENK Antibody (Center) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the PENK antibody detected the PENK protein (arrow).

ADDITIONAL INFORMATION

Product Categories/Family for anti-PENK antibody	Immunology; Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	208879446
NCBI GeneID	5179
NCBI Accession #	NP_001129162.1; NP_006202.1
NCBI GenBank Nucleotide #	NM_001135690.1
UniProt Accession #	P01210; Q6FHC6; Q6FHE6; B2RC23
Molecular Weight	30787
NCBI Official Full Name	proenkephalin-A preproprotein
NCBI Official Synonym Full Names	proenkephalin
NCBI Official Symbol	PENK

NCBI Protein Information	proenkephalin-A
UniProt Protein Name	Proenkephalin-A
UniProt Gene Name	PENK
UniProt Synonym Gene Names	OGF
UniProt Entry Name	PENK_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/penk-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289622>