Rabbit anti-Mouse, Rat Pantothenate Kinase 1 Polyclonal Antibody | anti-PANK1 antibody

Polyclonal Antibody to Pantothenate Kinase 1 (PANK1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145812	**Rabbit**	**Mouse, Rat**	**ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

Pantothenate Kinase 1; Polyclonal Antibody; Polyclonal Antibody to Pantothenate Kinase 1 (PANK1); PANK; PANK1a; PANK1b; hPanK1; Pantothenic acid kinase 1; anti-PANK1 antibody

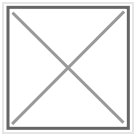
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PANK1. It has been selected for its ability to recognize PANK1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	383
Applicable Applications for anti-PANK1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	PANK1 (Glu298~Arg500)
Conjugate	No Conjugate
Cross Reactivity	Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant PANK1 (Glu298~Arg500) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Mouse Stomach Tissue

IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167234376
NCBI GeneID	75735
NCBI Accession #	NP_001107811.1
NCBI GenBank Nucleotide #	NM_001114339.2
UniProt Accession #	Q8K4K6; Q9D3K1; Q9QXM8
Molecular Weight	41,642 Da
NCBI Official Full Name	pantothenate kinase 1 isoform 1
NCBI Official Synonym Full Names	pantothenate kinase 1
NCBI Official Symbol	Pank1
NCBI Official Synonym Symbols	Pank; Pank1b
NCBI Protein Information	pantothenate kinase 1
UniProt Protein Name	Pantothenate kinase 1
UniProt Gene Name	**Pank1**
UniProt Synonym Gene Names	Pank; mPank; mPank1

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://stage.aaabiotech.com/polyclonal/pantothenate-kinase-1-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145812