

Rabbit anti-Human, Mouse TPK1 Polyclonal Antibody | anti-TPK1 antibody

TPK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231165	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

TPK1; Polyclonal Antibody; TPK1 Antibody; Thiamin pyrophosphokinase 1; hTPK1; Placental protein 20; PP20; Thiamine pyrophosphokinase 1; anti-TPK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	194
Applicable Applications for anti-TPK1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Thiamin pyrophosphokinase 1 protein (1-243AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



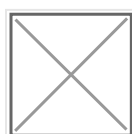
IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA231165 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



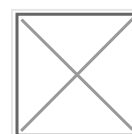
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue AAA231165 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue AAA231165 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: TPK1 antibody at 0.78ug/mL Lane 1: Mouse liver tissue Lane 2: Mouse kidney tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 28,14 kDa Observed band size: 27 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-TPK1 antibody	Catalyzes the phosphorylation of thiamine to thiamine pyrophosphate. Can also catalyze the phosphorylation of pyrithiamine to pyrithiamine pyrophosphate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110227857
NCBI GeneID	27010
NCBI Accession #	NP_001035947.1
NCBI GenBank Nucleotide #	NM_001042482.1
UniProt Accession #	Q9H3S4; Q6NUR5; Q9H602; A8K0T7; D3DWG0; I6L9B8
Molecular Weight	13,962 Da
NCBI Official Full Name	thiamin pyrophosphokinase 1 isoform b
NCBI Official Synonym Full Names	thiamin pyrophosphokinase 1
NCBI Official Symbol	TPK1
NCBI Official Synonym Symbols	PP20; HTPK1; THMD5
NCBI Protein Information	thiamin pyrophosphokinase 1
UniProt Protein Name	Thiamin pyrophosphokinase 1
UniProt Gene Name	TPK1
UniProt Synonym Gene Names	hTPK1; PP20
UniProt Entry Name	TPK1_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://stage.aaabiotech.com/polyclonal/tpk1-antibody-immunohistochemistry-western-blot-elisa/231165>