

Rabbit anti-Human, mouse Ptk2b Polyclonal Antibody | anti-Ptk2b antibody

Mouse Ptk2b Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289381	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

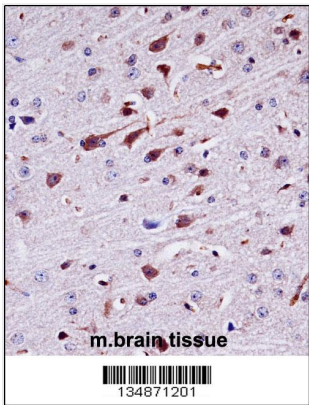
PRODUCT SYNONYMS

Ptk2b; Polyclonal Antibody; Mouse Ptk2b Antibody (Center); Protein-tyrosine kinase 2-beta; Calcium-dependent tyrosine kinase; CADTK; Calcium-regulated non-receptor proline-rich tyrosine kinase; Cell adhesion kinase beta; CAK-beta; CAKB; Focal adhesion kinase 2; FADK 2; Proline-rich tyrosine kinase 2; Related adhesion focal tyrosine kinase; RAFTK; Fak2; Pyk2; Raftk; anti-Ptk2b antibody

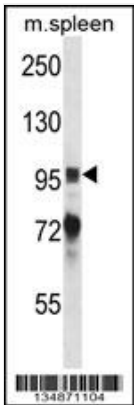
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Ptk2b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 672-701 amino acids from the Central region of mouse Ptk2b.
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	672-701
Sequence Length	1,009
Applicable Applications for anti-Ptk2b antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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.

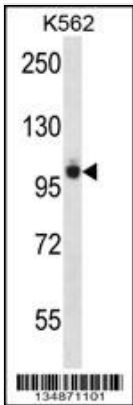
IMAGES



IHC (Immunohistochemisry)
Mouse Ptk2b Antibody (Center) (AAA289381)immunohistochemistry analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of Mouse Ptk2b Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Mouse Ptk2b Antibody (Center) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the Ptk2b antibody detected the Ptk2b protein (arrow).



WB (Western Blot)
Mouse Ptk2b Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the Ptk2b antibody detected the Ptk2b protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Ptk2b antibody	Involved in calcium induced regulation of ion channel and activation of the map kinase signaling pathway. May represent an important signaling intermediate between neuropeptide activated receptors or neurotransmitters that increase calcium flux and the downstream signals that regulate neuronal activity. Interacts with the SH2 domain of Grb2. May phosphorylate the voltage-gated potassium channel protein Kv1.2. Its activation is highly correlated with the stimulation of c-Jun N-terminal kinase activity. Involved in osmotic stress-dependent SNCA 'Tyr-125' phosphorylation (By similarity).
Product Categories/Family for anti-Ptk2b antibody	Cancer; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	241982789
NCBI GeneID	19229
NCBI Accession #	NP_001155838.1
NCBI GenBank Nucleotide #	NM_001162366.1
UniProt Accession #	Q9QVP9; B2RQ16; G3X8V1
Molecular Weight	115794

NCBI Official Full Name	protein-tyrosine kinase 2-beta isoform 1
NCBI Official Synonym Full Names	PTK2 protein tyrosine kinase 2 beta
NCBI Official Symbol	Ptk2b
NCBI Official Synonym Symbols	CAKB; FAK2; PYK2; CADTK; FADK2; Raftk; CAKbeta; E430023O05Rik
NCBI Protein Information	protein-tyrosine kinase 2-beta
UniProt Protein Name	Protein-tyrosine kinase 2-beta
UniProt Gene Name	Ptk2b
UniProt Synonym Gene Names	Fak2; Pyk2; Raftk; CADTK; CAK-beta; CAKB; FADK 2; RAFTK
UniProt Entry Name	FAK2_MOUSE

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/ptk2b-antibody-immunohistochemistry-western-blot-elisa/289381>