

Rabbit anti-Human, mouse Ptk7 Polyclonal Antibody | anti-Ptk7 antibody

Mouse Ptk7 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286189	Rabbit	Human, mouse	ELISA, Western Blot

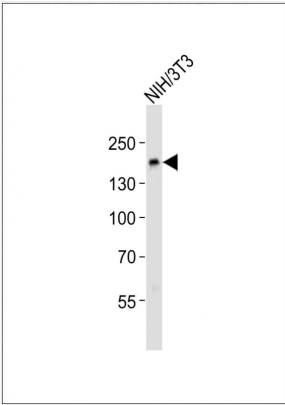
PRODUCT SYNONYMS

Ptk7; Polyclonal Antibody; Mouse Ptk7 Antibody (C-term); Inactive tyrosine-protein kinase 7; Protein chuzhoi; Protein-tyrosine kinase 7; Pseudo tyrosine kinase receptor 7; Tyrosine-protein kinase-like 7; anti-Ptk7 antibody

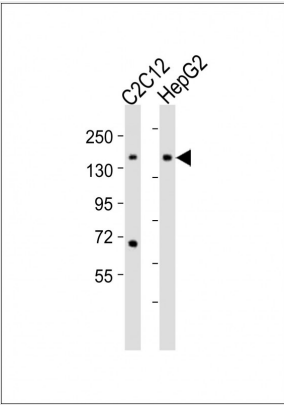
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This mouse Ptk7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 722-757 amino acids from the C-terminal region of mouse Ptk7.
Purity/Purification	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 Length	1,062
Applicable Applications for anti-Ptk7 antibody	ELISA, WB (Western Blot)
Crown Antibody	Yes
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.

IMAGES



WB (Western Blot)
Anti-Ptk7 Antibody (C-term) at 1:500 dilution + NIH/3T3 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 118 kDaBlocking/Dilution buffer: 5% NFD/MTBST.



WB (Western Blot)
All lanes : Anti-Ptk7 Antibody (C-term) at 1:2000 dilutionLane 1: C2C12 whole cell lysatesLane 2: HepG2 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 118 kDaBlocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-Ptk7 antibody	Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.
Product Categories/Family for anti-Ptk7 antibody	Crown Antibodies
References	Jung J.-W.,et al.Gene 328:75-84(2004). Carninci P.,et al.Science 309:1559-1563(2005). Daigo Y.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases. Lu X.,et al.Nature 430:93-98(2004). Gundry R.L.,et al.Mol. Cell. Proteomics 8:2555-2569(2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	30425042
NCBI GeneID	71461
NCBI Accession #	NP_780377.1
NCBI GenBank Nucleotide #	NM_175168.4
UniProt Accession #	Q8BKG3; Q3V422; Q6W8S9; Q8CHK5; Q8K178
Molecular Weight	117532
NCBI Official Full Name	inactive tyrosine-protein kinase 7
NCBI Official Synonym Full Names	PTK7 protein tyrosine kinase 7
NCBI Official Symbol	Ptk7
NCBI Official Synonym Symbols	chz; mPTK7/CCK4; 8430404F20Rik
NCBI Protein Information	inactive tyrosine-protein kinase 7
UniProt Protein Name	Inactive tyrosine-protein kinase 7
UniProt Gene Name	Ptk7

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/ptk7-antibody-western-blot-elisa/286189>