

Rabbit Ptk7 Polyclonal Antibody | anti-Ptk7 antibody

Mouse Ptk7 Antibody (C-term)

CATALOG # AAA290534	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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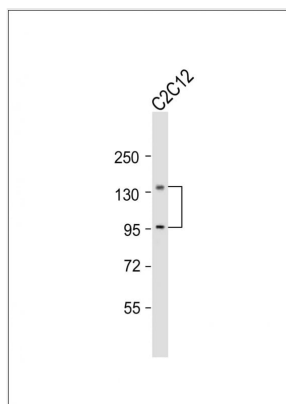
PRODUCT SYNONYMS

Ptk7; Polyclonal Antibody; Mouse Ptk7 Antibody (C-term); Purified Rabbit Polyclonal Antibody (Pab); 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

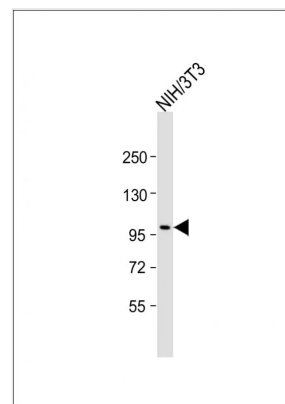
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Ig
Specificity	This Mouse Ptk7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 702-737 amino acids from the C-terminal region of Mouse Ptk7.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	1062
Applicable Applications for anti-Ptk7 antibody	WB (Western Blot)
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



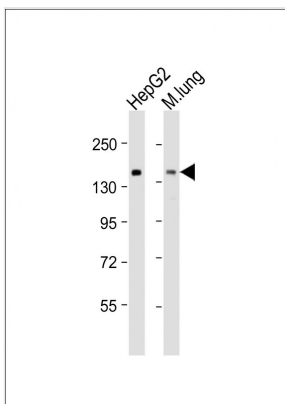
WB (Western Blot)

Anti-Ptk7 Antibody (C-term) at 1:1000 dilution + C2C12 whole cell lysate. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 118 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

Anti-Ptk7 Antibody (C-term) at 1:2000 dilution + NIH/3T3 whole cell lysate. Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 118 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



WB (Western Blot)

All lanes : Anti-Ptk7 Antibody (C-term) at 1:1000-1:2000 dilution
Lane 1: HepG2 whole cell lysate
Lane 2: mouse lung lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 118 kDa
Blocking/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 ; Signal Transduction
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
UniProt Entry Name	PTK7_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.

