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anti-PTK7 antibody (C-Term)

3 Images



Overview

Background:

Quantity:	50 μL
Target:	PTK7
Binding Specificity:	AA 702-737, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTK7 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	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.
Clone:	RB50418
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PTK7
Alternative Name:	Ptk7 (PTK7 Products)

Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-

Target Details

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.

Molecular Weight: 117532

UniProt: Q8BKG3

Pathways: RTK Signaling, Tube Formation

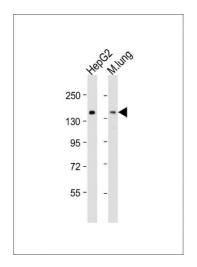
Application Details

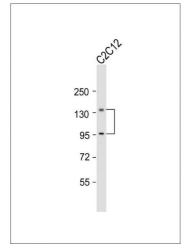
Application Notes: WB: 1:1000. WB: 1:1000-1:2000

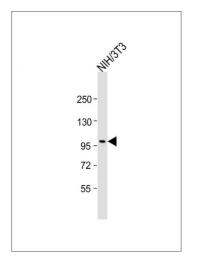
Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months







Western Blotting

Image 1. All lanes: Anti-Ptk7 Antibody (C-term) at1:1000-1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: mouse lung lysate Lysates/proteins at 20 μg 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.

Western Blotting

Image 2. Anti-Ptk7 Antibody (C-term) at 1:1000 dilution + C2C12 whole cell lysate Lysates/proteins at 20 μg 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.

Western Blotting

Image 3. Anti-Ptk7 Antibody (C-term) at 1:2000 dilution + NIH/3T3 whole cell lysate Lysates/proteins at 20 μg 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.