

Datasheet for ABIN6243618
anti-PTK7 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	PTK7
Binding Specificity:	AA 722-757, C-Term
Reactivity:	Human, Mouse
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 722-757 amino acids from the C-terminal region of mouse Ptk7.
Clone:	RB50417
Isotype:	Ig 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)
Background:	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: 1:2000. WB: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

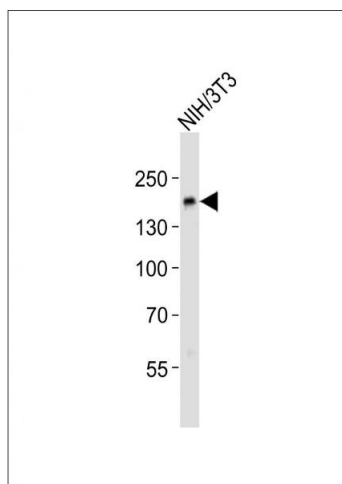
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

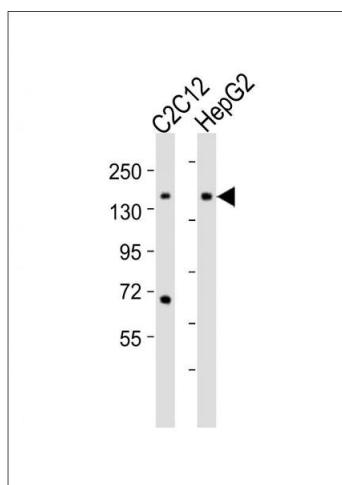
Storage: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Anti-Ptk7 Antibody (C-term) at 1:500 dilution + NIH/3T3 whole cell lysates. 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. All lanes : Anti-Ptk7 Antibody (C-term) at 1:2000 dilution. Lane 1: C2C12 whole cell lysates. Lane 2: HepG2 whole cell lysates. 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.