Datasheet for ABIN6243620

anti-PTK7 antibody (AA 331-363)

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Overview

Quantity:	400 µL
Target:	PTK7
Binding Specificity:	AA 331-363
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTK7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PTK7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 331-363 amino acids from the human region of human PTK7.
Clone:	RB52198
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

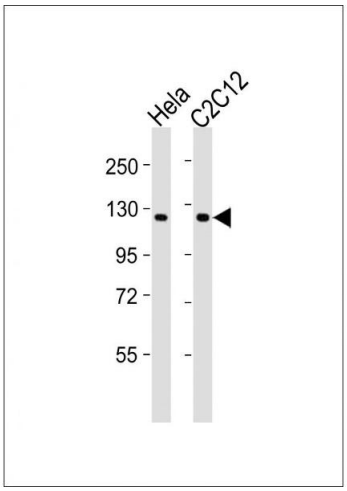
	canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.
Molecular Weight:	118392
UniProt:	Q13308
Pathways:	RTK Signaling, Tube Formation

Application Details

Application Notes:	WB: 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 (N-Term) at 1:2000 dilution Lane 1: Hela whole cell lysates Lane 2: C2C12 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.