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Datasheet for ABIN392052

anti-RYK antibody (AA 383-410)

1 Image

Overview

Quantity:	400 µL
Target:	RYK
Binding Specificity:	AA 383-410
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RYK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This RYK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 383-410 amino acids from the Central region of human RYK.
Clone:	RB16683
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	RYK
Alternative Name:	RYK (RYK Products)

Target Details

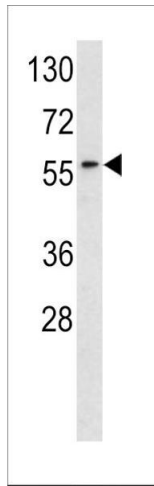
Background:	RYK is an atypical member of the family of growth factor receptor protein tyrosine kinases, differing from other members at a number of conserved residues in the activation and nucleotide binding domains. This gene product belongs to a subfamily whose members do not appear to be regulated by phosphorylation in the activation segment. It has been suggested that mediation of biological activity by recruitment of a signaling-competent auxiliary protein may occur through an as yet uncharacterized mechanism. A nine nucleotide insertion in some transcripts results in the SLG variant. It is not established whether this is a product of alternative splicing or a second gene, since evidence for a second gene or pseudogene on chromosome 17 exists.
Molecular Weight:	67815
Gene ID:	6259
NCBI Accession:	NP_001005861 , NP_002949
UniProt:	P34925
Pathways:	RTK Signaling , WNT Signaling , Regulation of Cell Size

Application Details

Application Notes:	WB: 1:1000
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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of RYK antibody (Center) (ABIN392052 and ABIN2841820) in Hela cell line lysates (35 µg/lane). RYK (arrow) was detected using the purified Pab.