

Datasheet for ABIN6243993
anti-ROBO1 antibody (AA 1097-1130)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	ROBO1
Binding Specificity:	AA 1097-1130
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ROBO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ROBO1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1097-1130 amino acids from human ROBO1.
Clone:	RB54414
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ROBO1
Alternative Name:	ROBO1 (ROBO1 Products)
Background:	Receptor for SLIT1 and SLIT2 which are thought to act as molecular guidance cue in cellular

Target Details

migration, including axonal navigation at the ventral midline of the neural tube and projection of axons to different regions during neuronal development. In axon growth cones, the silencing of the attractive effect of NTN1 by SLIT2 may require the formation of a ROBO1-DCC complex. May be required for lung development.

Molecular Weight: 180930

UniProt: [Q9Y6N7](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

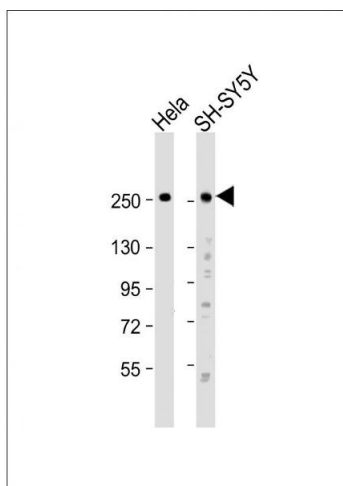
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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-ROBO1 Antibody (C-Term) at 1:1000-1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: SH-SY5Y 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 : 181 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.