

Datasheet for ABIN190793

anti-ROBO3 antibody (Internal Region)

1 Image

1 Publication



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Overview

Quantity:	100 µg
Target:	ROBO3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ROBO3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	ROBO3 / RIG1 (internal)
Immunogen:	Peptide with sequence C-RRKQRKELSHYT, from the internal region of the protein sequence according to NP_071765.2.
Sequence:	RRKQRKELSH YT
Isotype:	IgG
Predicted Reactivity:	Human, Dog, Pig, Cow
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ROB03
Alternative Name:	ROB03 (ROB03 Products)
Background:	ROB03, RIG1, roundabout, axon guidance receptor, homolog 3 (Drosophila) , FLJ21044, HGPPS, RBIG1, retinoblastoma inhibiting gene 1, roundabout, axon guidance receptor, homolog 3
Gene ID:	64221
NCBI Accession:	NP_071765

Application Details

Application Notes:	DS WB Results: Approx 150 kDa band observed in Human Brain (Cerebellum and Hippocampus) lysates (calculated MW of 148 kDa according to NP_071765.2). Recommended concentration: 0.5-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Qin, Christiansen, Pettersson: "Point-of-care time-resolved immunofluorometric assay for human pregnancy-associated plasma protein A: use in first-trimester screening for Down
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syndrome." in: **Clinical chemistry**, Vol. 48, Issue 3, pp. 473-83, (2002) ([PubMed](#)).

Images



Image 1. ABIN190793 (0.5µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.