

Datasheet for ABIN334391

anti-EPH Receptor B2 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	EPH Receptor B2 (EPHB2)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This EPH Receptor B2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	EPHB2 / DRT / Nuk
Immunogen:	Peptide with sequence C-QKDRNHRPKFGQ, from the internal region of the protein sequence according to NP_004433.2, NP_059145.2.
Sequence:	QKDRNHRPKF GQ
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_059145.2 and NP_004433.2).
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target:	EPH Receptor B2 (EPHB2)
Alternative Name:	EPHB2 (EPHB2 Products)
Background:	EPHB2, DRT, EPH receptor B2, Cek5, Qek5, Sek3, ETECK, Prkm5, EPHT3, ERK, Hek5, MGC87492, Tyro5, developmentally-regulated eph-related tyrosine kinase, elk-related tyrosine kinase, eph tyrosine kinase 3, ephrin receptor EphB2
Gene ID:	2048, 13844
NCBI Accession:	NP_004433 , NP_059145
Pathways:	RTK Signaling , Regulation of long-term Neuronal Synaptic Plasticity , S100 Proteins

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in Human Lung and Placenta lysates (calculated MW of 110 kDa according to NP_059145.2 and NP_004433.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Litter Peptide ELISA: antibody detection limit dilution 1:4000.
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.



Image 1. ABIN334391 (1µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.