Datasheet for ABIN6140223

anti-EPH Receptor B2 antibody (AA 250-540)

1 Image

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Overview

Quantity:	100 µL
Target:	EPH Receptor B2 (EPHB2)
Binding Specificity:	AA 250-540
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor B2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 250-540 of human EPHB2 (NP_059145.2).
Sequence:	PIGRCMCKAG FEAVENGTVC RGCPSGTFKA NQGDEACTHC PINSRTTSEG ATNCVCRNGY YRADLDPLDM PCTTIPSAPQ AVISSVNETS LMLEWTPPRD SGGREDLVYN IICKSCGSGR GACTRCGDNV QYAPRQLGLT EPRIYISDLL AHTQYTFEIQ AVNGVTDQSP FSPQFASVNI TTNQAAPSAV SIMHQVSRTV DSITLSWSQP DQPNGVILDY ELQYYEKELS EYNATAIKSP TNTVTVQGLK AGAIYVFQVR ARTVAGYGRY SGKMYFQTMT EAEYQTSIQE K
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	EPH Receptor B2 (EPHB2)
Alternative Name:	EPHB2 (EPHB2 Products)
Background:	This gene encodes a member of the Eph receptor family of receptor tyrosine kinase transmembrane glycoproteins. These receptors are composed of an N-terminal glycosylated ligand-binding domain, a transmembrane region and an intracellular kinase domain. They bind ligands called ephrins and are involved in diverse cellular processes including motility, division, and differentiation. A distinguishing characteristic of Eph-ephrin signaling is that both receptors and ligands are competent to transduce a signaling cascade, resulting in bidirectional signaling. This protein belongs to a subgroup of the Eph receptors called EphB. Proteins of this subgroup are distinguished from other members of the family by sequence homology and preferential binding affinity for membrane-bound ephrin-B ligands. Allelic variants are associated with prostate and brain cancer susceptibility. Alternative splicing results in multiple transcript variants.,EPHB2,CAPB,DRT,EK5,EPHT3,ERK,Hek5,PCBC,Tyro5,Cancer,Signal Transduction,Kinase,Tyrosine kinases,Neuroscience,Cell Type Marker,Cardiovascular,Angiogenesis,Neuron marker,Growth Cone,EPHB2
Molecular Weight:	109 kDa/110 kDa/117 kDa
Gene ID:	2048
UniProt:	P29323
Pathways:	RTK Signaling, Regulation of long-term Neuronal Synaptic Plasticity, S100 Proteins

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

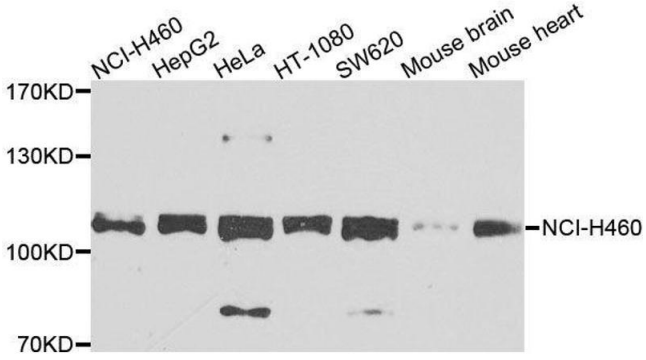
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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

Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using EPHB2 antibody.