EPHB1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Ephb1, Polyclonal Antibody
Full Product Name	Ephb1 (Ephrin Type-B Receptor 1, Ephb1) (AP)
Product Gene Name	anti-Ephb1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes Ephb1. Species Crossreactivity: mouse, rat
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	109,881 Da
Chromosome Location	Chromosome: 9; NC_000075.6 (101922128..102354693, complement). Location: 9 F1; 9
3D Structure	ModBase 3D Structure for Q8CBF3
Immunogen	KLH conjugated synthetic peptide corresponding to aa304-339 at the Central region of Mouse Ephb1. Species sequence homology: human
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-Ephb1 antibody	Antibodies; Tyrosine Kinases
Applications Tested/Suitable for anti-Ephb1 antibody	Western Blot (WB)
Application Notes for anti-Ephb1 antibody	WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-Ephb1 antibody	MBS6455832 is an antibody targeting Ephb1. Also known as Ephb1 (Ephrin Type-B Receptor 1, Ephb1) (AP). Reactive in Human, Mouse, Rat. Host: Rabbit.
Product References and Citations for anti-Ephb1 antibody	Carninci P., et al. Science 309:1559-1563(2005). Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009). Stein E., et al. J. Biol. Chem. 273:1303-1308(1998). Torres R., et al. Neuron 21:1453-1463(1998). Han D.C., et al. J. Biol. Chem. 277:45655-45661(2002).
Other Notes	Small volumes of anti-Ephb1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Ephb1. It may not necessarily be applicable to this product.

NCBI GI #	269973846
NCBI GeneID	270190
NCBI Accession #	NP_775623
UniProt Primary Accession #	Q8CBF3
UniProt Secondary Accession #	P09759; P54762
UniProt Related Accession #	Q8CBF3
GenBank Nucleotide #	NM_173447.3
NCBI Official Full Name	ephrin type-B receptor 1 isoform 1
NCBI Official Synonym Full Names	Eph receptor B1
NCBI Official Symbol	Ephb1
NCBI Official Synonym Symbols	Elk; Net; Cek6; Elkh; Hek6; AW488255; 9330129L11; C130099E04Rik; ENSMUSG00000074119
UniProt Protein Name	Ephrin type-B receptor 1
Protein Family	Ephrin type-B receptor
UniProt Gene Name	Ephb1
UniProt Entry Name	EPHB1_MOUSE
NCBI Protein Information	ephrin type-B receptor 1
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