EPHB1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Ephb1, Polyclonal Antibody
Full Product Name	Ephb1 (Ephrin Type-B Receptor 1, Ephb1) (HRP)
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 Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes Ephb1. Species Crossreactivity: mouse, rat
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates.
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	HRP
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	MBS6455836 is an antibody targeting Ephb1. Also known as Ephb1 (Ephrin Type-B Receptor 1, Ephb1) (HRP). 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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