

Datasheet for ABIN1406522

anti-EPH Receptor B1 antibody (pTyr968) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	EPH Receptor B1 (EPHB1)
Binding Specificity:	pTyr968
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor B1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human EphB1 around the phosphorylation site of Tyr968
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	EPH Receptor B1 (EPHB1)
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Target Details

Alternative Name:	Eph receptor B1 (EPHB1 Products)
Background:	Synonyms: Eph receptor B1phospho Y968, EphB1phospho Y968Cek 6, Elkh, Eph tyrosine kinase 2, EPH2, EphB1, Ephrin receptor Eph B1 precursor, Ephrin type B receptor 1, HEK 6, NET, Neuronally expressed EPH related tyrosine kinase, Tyrosine protein kinase receptor EPH 2. Background: EphB1, previously known as Elk (eph like kinase), is a receptor tyrosine kinase of the highly tissue restricted family of eph proteins. EphB1 and other ephB family members are type 1 membrane spanning proteins, comprised of immunoglobulin, fibronectin type III, and cysteine rich subdomains in the ecto domain, and the single uninterrupted cytoplasmic tyrosine kinase domain upstream of a carboxyterminal sterile alpha motif (SAM) domain. EphB family proteins bind ephrins of the B class. EphB1 is expressed predominately in developing neural structures in embryos, and in vascular epithelium of kidney, and other tissues. Upon binding to alternatively oligomerized ephrin B1, EphB1 signals regulation of cell attachment and cell to cell assembly. Members of this protein family are implicated in neuronal and vascular cell targeting.
Gene ID:	2047
Pathways:	RTK Signaling

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months