

Rabbit EPHB1/2 Polyclonal Antibody | anti-EPHB1/2 antibody

EPHB1/2 antibody (Tyr594/604)

CATALOG # AAA108369	HOST Rabbit	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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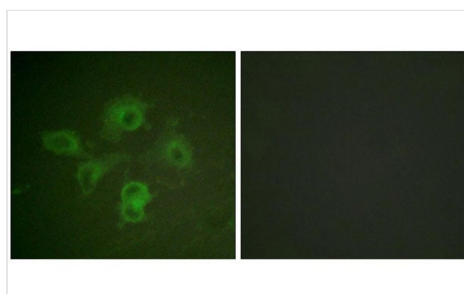
PRODUCT SYNONYMS

EPHB1/2; Polyclonal Antibody; EPHB1/2 antibody (Tyr594/604); Polyclonal EPHB1/2; Anti-EPHB1/2; EC 2.7.10.1; ELK; EPB1; EPHT2; EPTH2; Eph receptor B1; Ephrin type-B receptor 1 precursor; HEK6; NET; Tyrosine-protein kinase receptor EPH-2; kinase EphB1; anti-EPHB1/2 antibody

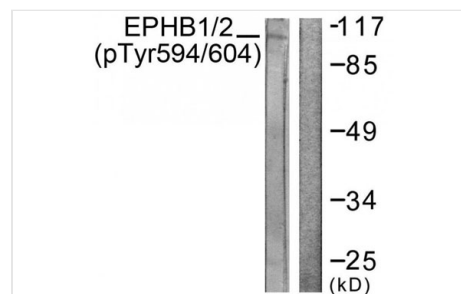
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	EPHB1/2 antibody detects endogenous levels of EPHB1/2 only when phosphorylated at s tyrosine 594/604
Form/Format	Supplied in PBS buffer (without Mg2+and Ca2+), pH 7.4, 150mM NaCl with 0.02% sodium azide and 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	984
Applicable Applications for anti-EPHB1/2 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Biological Significance	EPHB1/2 is a receptor tyrosine kinase which binds promiscuously transmembrane ephrin-B family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells.
Cross-Reactivity	Mouse, Rat
Immunogen	EPHB1/2 antibody was raised in Rabbit using a synthetic phosphopeptide derived from human EPHB1/2 around the phosphorylation site of tyrosine 594/604 (K-I-YP-I-D) as the immunogen
Preparation and Storage	Store at -20 degree C for 1 year, store at 2-8 degree C for up to 1 month

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HuvEc cells, using EPHB1/2 (Phospho-Tyr594/604) antibody.


WB (Western Blot)

Western blot analysis of extracts from HepG2 cells, EPHB1/2 (Phospho-Tyr594/604) antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EPHB1/2 antibody	Rabbit polyclonal EPHB1/2 antibody (Tyr594/604)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758284
NCBI GeneID	2047
NCBI Accession #	NP_004432.1
NCBI GenBank Nucleotide #	NM_004441.4
Molecular Weight	26,906 Da
NCBI Official Full Name	ephrin type-B receptor 1
NCBI Official Synonym Full Names	EPH receptor B1
NCBI Official Symbol	EPHB1
NCBI Official Synonym Symbols	ELK; NET; Hek6; EPHT2
NCBI Protein Information	ephrin type-B receptor 1
UniProt Protein Name	Ephrin type-B receptor 1
UniProt Gene Name	EPHB1
UniProt Synonym Gene Names	ELK; EPHT2; HEK6; NET; EK6; hEK6; NET
UniProt Entry Name	EPHB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ephb1-2-antibody-immunofluorescence-western-blot-elisa/108369>