

EPHB1/2 Antibody | anti-EPHB1/2 antibody

EPHB1/2 (Phospho-Tyr594/604) Antibody

CATALOG # AAA267536	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Western Blot
-------------------------------	--	--

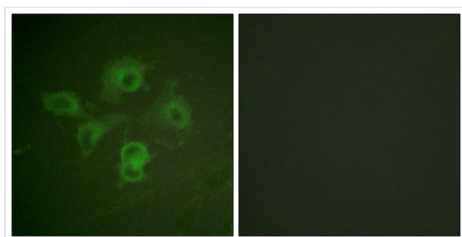
PRODUCT SYNONYMS

EPHB1/2; EPHB1/2 (Phospho-Tyr594/604) Antibody; 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

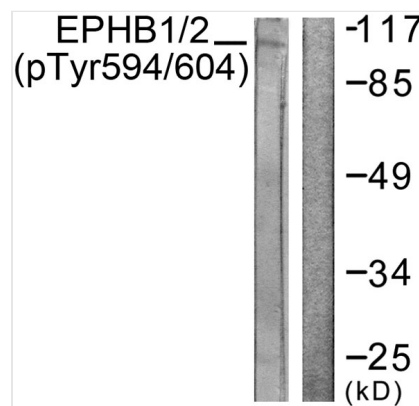
Reactivity	Human, Mouse, Rat
Specificity	EPHB1/2 (Phospho-Tyr594/604) antibody detects endogenous levels of EPHB1/2 only when phosphorylated at s tyrosine 594/604.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	984
Applicable Applications for anti-EPHB1/2 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human EPHB1/2 around the phosphorylation site of tyrosine 594/604 (K-I-YP-I-D).
All Sites	Human: Tyr594/596 Mouse: Tyr594/604 Rat: Tyr594
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HepG2 cells, EPHB1/2 (Phospho-Tyr594/604) antibody. Immunofluorescence analysis of HuvEc cells, using EPHB1/2 (Phospho-Tyr594/604) antibody.



Application Data

ADDITIONAL INFORMATION

References	Tang X.X., Genomics 29:426-437(1995). Zhang Z., Protein Sci. 13:2819-2824(2004). Stein E., J. Biol. Chem. 271:23588-23593(1996).
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758284
NCBI GeneID	2047
NCBI Accession #	NP_004432.1
NCBI GenBank Nucleotide #	NM_004441.4
UniProt Accession #	P54762; O43569; O95142; O95143; Q0VG87; A8K593; B3KTB2; B5A969
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

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.