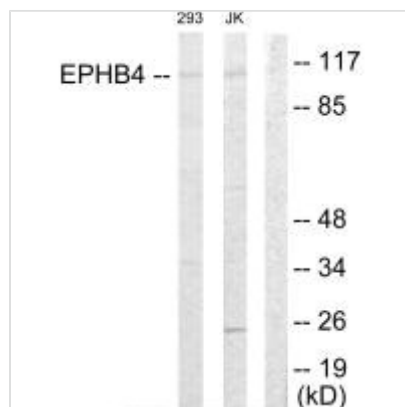




EPHB4 Antibody

Product Code	CSB-PA277115
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P54760
Immunogen	Synthesized peptide derived from internal of Human EPHB4.
Raised In	Rabbit
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous levels of total EPHB4 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Receptor tyrosine kinase which binds promiscuously transmembrane ephrin-B family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Together with its cognate ligand/functional ligand EFNB2 plays a central role in heart morphogenesis and angiogenesis through regulation of cell adhesion and cell migration. EPHB4-mediated forward signaling controls cellular repulsion and segregation form EFNB2-expressing cells. Plays also a role in postnatal blood vessel remodeling, morphogenesis and permeability and is thus important in the context of tumor angiogenesis. Bennett B.D., J. Biol. Chem. 269:14211-14218(1994). Wilson M.D., Nucleic Acids Res. 29:1352-1365(2001). Zhang Y., Mol. Cell. Proteomics 4:1240-1250(2005).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	EC 2.7.1.112; EC 2.7.10.1; EPB4; Ephrin type-B receptor 4 precursor; HTK
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	EPHB4
Image	



Western blot analysis of extracts from 293 cells and Jurkat cells, using EPHB4 antibody.