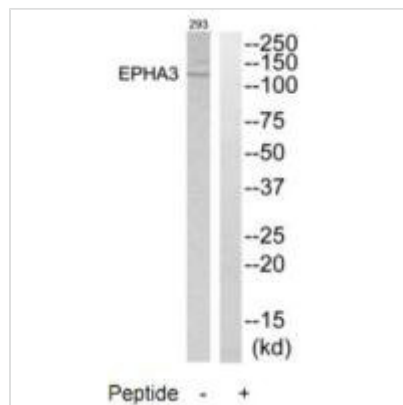




EPHA3 Antibody

Product Code	CSB-PA298527
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P29320
Immunogen	Synthesized peptide derived from internal of Human EPHA3.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total EPHA3 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Receptor tyrosine kinase which binds promiscuously membrane-bound ephrin 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. Highly promiscuous for ephrin-A ligands it binds preferentially EFNA5. Upon activation by EFNA5 regulates cell-cell adhesion, cytoskeletal organization and cell migration. Plays a role in cardiac cells migration and differentiation and regulates the formation of the atrioventricular canal and septum during development probably through activation by EFNA1. Involved in the retinotectal mapping of neurons. May also control the segregation but not the guidance of motor and sensory axons during neuromuscular circuit development. Coulie P.G., Cancer Res. 60:4855-4863(2000). Comb M.J., Cell 131:1190-1203(2007) Brenner S.E., Genome Biol. 5:R8.1-R8.16(2004)
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	EPA3; ETK; ETK1; Ephrin type-A receptor 3 precursor; HEK
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	EPHA3
Image	



Western blot analysis of extracts from 293 cells, using EPHA3 antibody.