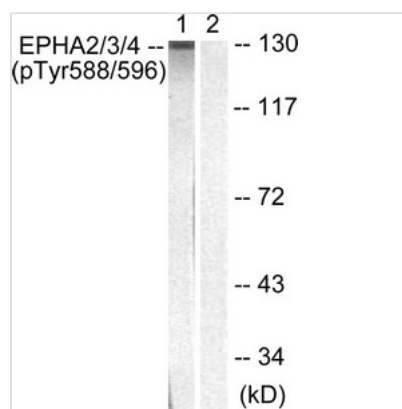


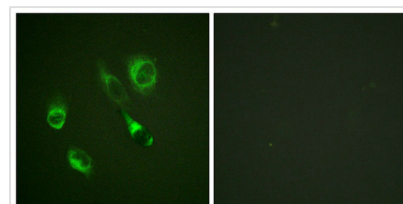


Phospho-EPHA2/EPHA3/EPHA4 (Tyr588/596) Antibody

Product Code	CSB-PA438798
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P29317
Immunogen	Peptide sequence around phosphorylation site of tyrosine 588/596 (K-T-Y(p)-V-R)/(R-T-Y(p)-V-D) derived from Human EPHA2/3/4.
Raised In	Rabbit
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous levels of EPHA2/3/4 only when phosphorylated at tyrosine 588/596
Tested Applications	ELISA,WB,IF;WB:1:500-1:1000,IF:1:100-1:200
Relevance	Receptor tyrosine kinase which binds promiscuously membrane-bound ephrin-A 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. Activated by the ligand ephrin-A1/EFNA1 regulates migration, integrin-mediated adhesion, proliferation and differentiation of cells. Regulates cell adhesion and differentiation through DSG1/desmoglein-1 and inhibition of the ERK1/ERK2 (MAPK3/MAPK1, respectively) signaling pathway. Lindberg R.A., Mol. Cell. Biol. 10:6316-6324(1990). Zhang Y., Mol. Cell. Proteomics 4:1240-1250(2005). Zhuang G., J. Biol. Chem. 282:2683-2694(2007)
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	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography
Clonality	Polyclonal
Alias	ECK; MPK-5; SEK2; kinase EphA2;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	EPHA2/EPHA3/EPHA4
Image	



Western blot analysis of extracts from HepG2 cells using EPHA2/3/4 (Phospho-Tyr588/596) Antibody. The lane on the right is treated with the antigen-specific peptide.



Immunofluorescence staining of methanol-fixed HeLa cells using EPHA2/3/4 (Phospho-Tyr588/596) Antibody.

Product Modify

Phospho-Tyr588/596