

anti-Human, Mouse EPHA2/3 Antibody | anti-EPHA2/3 antibody

EPHA2/3 (Phospho-Tyr588/596) Antibody

CATALOG # AAA110224	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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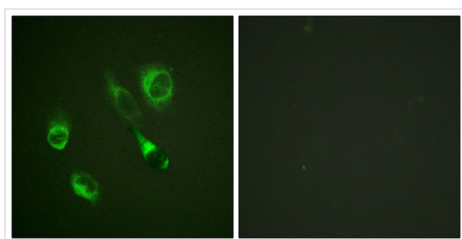
PRODUCT SYNONYMS

EPHA2/3; EPHA2/3 (Phospho-Tyr588/596) Antibody; EC 2.7.10.1; ECK; Ephrin type-A receptor 2 precursor; Epithelial cell kinase; MPK-5; SEK-2; SEK2; Tyrosine-protein kinase receptor ECK; kinase EphA2; anti-EPHA2/3 antibody

PRODUCT SPECIFICATIONS

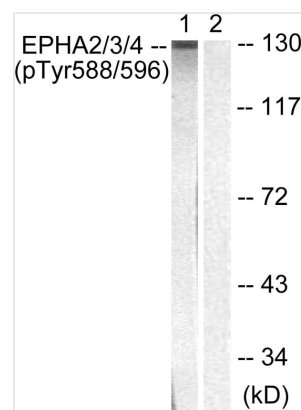
Reactivity	Human, Mouse
Specificity	EPHA2/3/4 (Phospho-Tyr588/596) antibody detects endogenous levels of EPHA2/3/4 only when phosphorylated at tyrosine 588/596.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against 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	976
Applicable Applications for anti-EPHA2/3 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human EPHA2/3/4 around the phosphorylation site of tyrosine 588/596 (T-YP-V-D-P).
All Sites	Human: Tyr588/Tyr596/Tyr596 Mouse: Tyr589/Tyr596/Tyr596
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, using EPHA2/3/4 (Phospho-Tyr588/596) antibody. Immunofluorescence analysis of HeLa cells, using EPHA2/3/4 (Phospho-Tyr588/596) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPHA2/3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	32967311
NCBI GeneID	1969
NCBI Accession #	NP_004422.2
NCBI GenBank Nucleotide #	NM_004431.4
UniProt Accession #	P29317; Q8N3Z2; B5A968
Molecular Weight	54,305 Da
NCBI Official Full Name	ephrin type-A receptor 2 isoform 1
NCBI Official Synonym Full Names	EPH receptor A2
NCBI Official Symbol	EPHA2
NCBI Official Synonym Symbols	ECK; CTPA; ARCC2; CTPP1; CTRCT6
NCBI Protein Information	ephrin type-A receptor 2
UniProt Protein Name	Ephrin type-A receptor 2
UniProt Gene Name	EPHA2
UniProt Synonym Gene Names	ECK

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/human-mouse-antibody/epha2-3/110224>