

Rabbit anti-Human EPHA1 Polyclonal Antibody | anti-EPHA1 antibody

EPHA1 Antibody

CATALOG # AAA303441	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

EPHA1; Polyclonal Antibody; EPHA1 Antibody; EC 2.7.10.1; EPA1; EPH; EPHT; EPHT1; anti-EPHA1 antibody

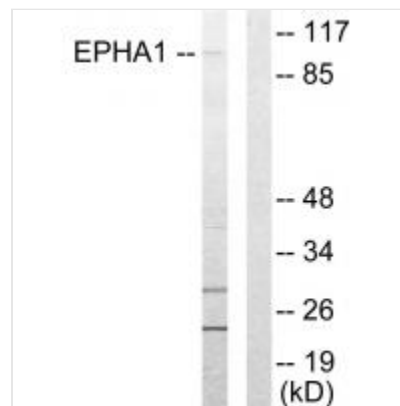
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total EPHA1protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	976
Applicable Applications for anti-EPHA1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human EPHA1.
Target Name	EPHA1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using EPHA1 antibody.


WB (Western Blot)

Western blot analysis of extracts from COLO205 cells, using EPHA1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA1 antibody	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. Binds with a low affinity EFNA3 and EFNA4 and with a high affinity to EFNA1 which most probably constitutes its cognate/functional ligand. Upon activation by EFNA1 induces cell attachment to the extracellular matrix inhibiting cell spreading and motility through regulation of ILK and downstream RHOA and RAC. Plays also a role in angiogenesis and regulates cell proliferation. May play a role in apoptosis.Hirai H., Science 238:1717-1720(1987).Owshalimpur D., Mol. Cell. Probes 13:169-173(1999).Hillier L.W., Nature 424:157-164(2003).
Product Categories/Family for anti-EPHA1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316650
NCBI GeneID	2041
NCBI Accession #	NP_005223.4
NCBI GenBank Nucleotide #	NM_005232.4
UniProt Accession #	P21709; Q15405; A1L3V3; B5A966; B5A967
Molecular Weight	51,069 Da
NCBI Official Full Name	ephrin type-A receptor 1
NCBI Official Synonym Full Names	EPH receptor A1
NCBI Official Symbol	EPHA1
NCBI Official Synonym Symbols	EPH; EPHT; EPHT1
NCBI Protein Information	ephrin type-A receptor 1
UniProt Protein Name	Ephrin type-A receptor 1
UniProt Gene Name	EPHA1
UniProt Synonym Gene Names	EPH; EPHT; EPHT1; hEpha1
UniProt Entry Name	EPHA1_HUMAN

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/polyclonal/epha1-antibody-immunofluorescence-western-blot-elisa/303441>