

Rabbit EPHA6 Polyclonal Antibody | anti-EPHA6 antibody

EPHA6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324156	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

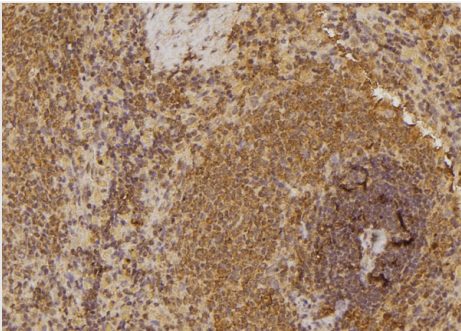
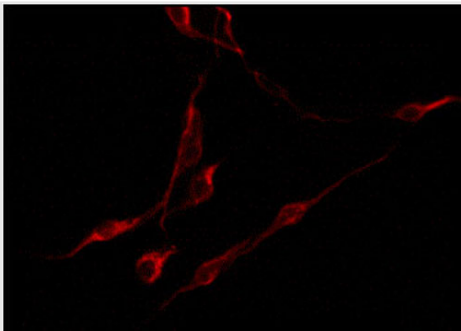
PRODUCT SYNONYMS

EPHA6; Polyclonal Antibody; EPHA6 Antibody; Ehk 2; EHK-2; Ehk2; EPH homology kinase 2; Eph Receptor A6; Epha6; EPHA6_HUMAN; ephrin receptor EphA6; ephrin type A receptor 6; Ephrin type-A receptor 6; Hek12; anti-EPHA6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EPHA6 antibody detects endogenous levels of total EPHA6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	398
Applicable Applications for anti-EPHA6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Expressed in brain and testis.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA324156 staining U87 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

IHC (Immunohistochemistry)
AAA324156 at 1/100 staining Rat spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA6 antibody

Function: Receptor tyrosine kinase which binds promiscuously GPI-anchored 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 (By similarity).
Subunit Structure: Heterotetramer upon binding of the ligand. The heterotetramer is composed of an ephrin dimer and a receptor dimer. Oligomerization is probably required to induce biological responses (By similarity).
Similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	507144073
NCBI GeneID	285220
NCBI Accession #	NP_001265229.1
NCBI GenBank Nucleotide #	NM_001278300.1
UniProt Accession #	Q9UF33; D6RAL5
Molecular Weight	Predicted: 117 kDa
NCBI Official Full Name	ephrin type-A receptor 6 isoform c
NCBI Official Synonym Full Names	EPH receptor A6
NCBI Official Symbol	EPHA6
NCBI Official Synonym Symbols	EHK2; EK12; EPA6; EHK-2; HEK12; PRO57066
NCBI Protein Information	ephrin type-A receptor 6
UniProt Protein Name	Ephrin type-A receptor 6
UniProt Gene Name	EPHA6
UniProt Synonym Gene Names	EHK2; HEK12; EHK-2; EK12

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.