

Rabbit EPHA6 Polyclonal Antibody | anti-EPHA6 antibody

Rabbit anti-EPHA6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222640	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

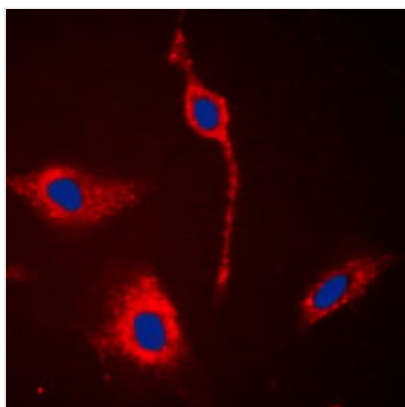
PRODUCT SYNONYMS

EPHA6; Polyclonal Antibody; Rabbit anti-EPHA6 Antibody; EHK2; HEK12; Ephrin type-A receptor 6; EPH homology kinase 2; EHK-2; EPH-like kinase 12; EK12; anti-EPHA6 antibody

PRODUCT SPECIFICATIONS

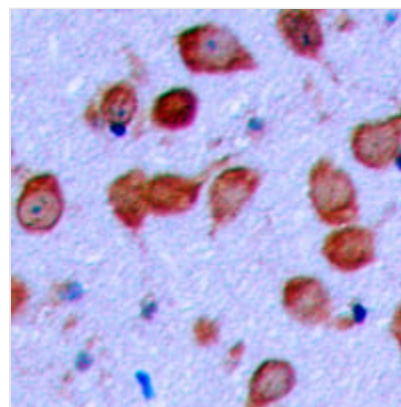
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-EPHA6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human EPHA6. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



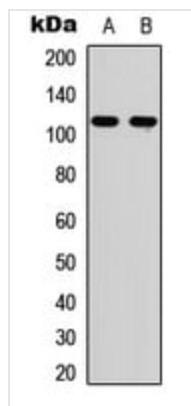
IF (Immunofluorescence)

Immunofluorescent analysis of EPHA6 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of EPHA6 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of EPHA6 expression in A549 (A), NS-1 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPHA6 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27734955
NCBI GeneID	285220
NCBI Accession #	NP_775926.1
NCBI GenBank Nucleotide #	NM_173655.3
UniProt Accession #	Q9UF33; Q62413; P54758
Molecular Weight	116,116 Da
NCBI Official Full Name	ephrin type-A receptor 6 isoform b
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; EPH-like kinase 12; EPH homology kinase 2; ephrin receptor EphA6
UniProt Protein Name	Ephrin type-A receptor 6
UniProt Gene Name	EPHA6
UniProt Synonym Gene Names	EHK2; HEK12; EHK-2; EK12
UniProt Entry Name	EPHA6_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.