

Rabbit anti-Human EPHA2 Polyclonal Antibody | anti-EPHA2 antibody

EPHA2 Antibody - N-terminal region

CATALOG # AAA201562	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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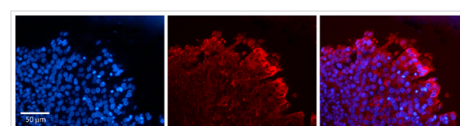
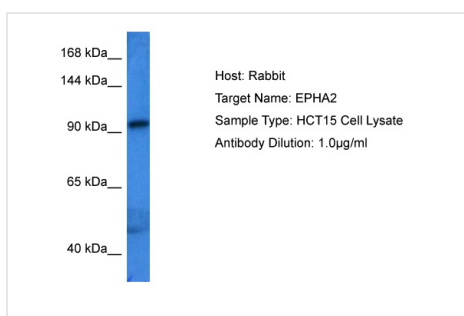
PRODUCT SYNONYMS

EPHA2; Polyclonal Antibody; EPHA2 Antibody - N-terminal region; anti-EPHA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IY MYSVCNVMSG DQDNWLR TNW VYRGEAERIF IELKFTVRDC NSFPGGAS
Sequence Length	976
Applicable Applications for anti-EPHA2 antibody	WB (Western Blot)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human EPHA2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Rabbit Anti-EPHA2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Urinary Bladder Tissue
 Observed Staining: Plasma membrane
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: N/A
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

WB (Western Blot)

Host: Rabbit
 Target Name: EPHA2
 Sample Tissue: Human HCT15 Whole Cell lysates
 Antibody Dilution: 1 µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA2 antibody	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.
Product Categories/Family for anti-EPHA2 antibody	Polyclonal ; Protein Kinases ; Developmental Biology ; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	32967311
NCBI GeneID	1969
NCBI Accession #	NP_004422.2
NCBI GenBank Nucleotide #	NM_004431.3
UniProt Accession #	P29317
Molecular Weight	107 kDa
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
UniProt Entry Name	EPHA2_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/epha2-antibody-western-blot-elisa/201562>