

Rabbit EPHA3/EPHA4/EPHA5 Polyclonal Antibody | anti-EPHA3/EPHA4/EPHA5 antibody

EPHA3/EPHA4/EPHA5 pAb

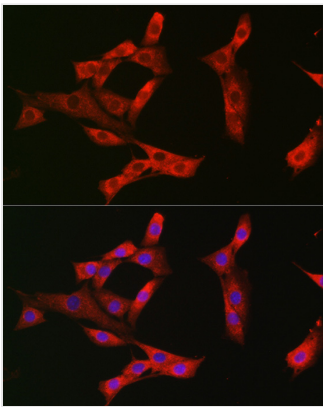
CATALOG # AAA282338	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

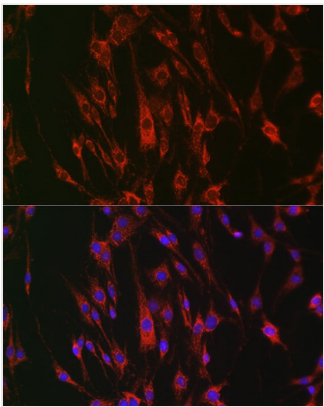
EPHA3/EPHA4/EPHA5; Polyclonal Antibody; EPHA3/EPHA4/EPHA5 pAb; anti-EPHA3/EPHA4/EPHA5 antibody

PRODUCT SPECIFICATIONS

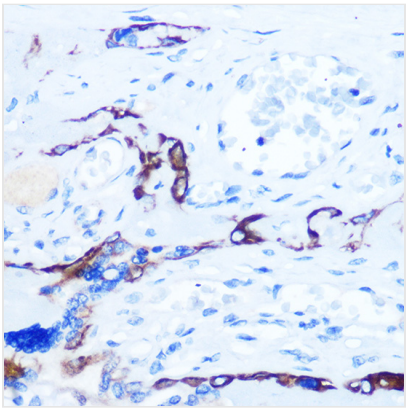
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	FANDATFEIK KCDLHRLEEG PPVTTVLTRE DGLKYRMMQ TVRRMELKAD QLYKQKIIRG FCHLCDGQEA CCVGLEAGIN PTDHLITAYR AHGFTFTRGL SVREILAEIT GRKGGCAK GK GGSMMHYAKN FYGGNGIVGA QVPLGAGIAL ACKYNGKDEV CLTYGDGAA NQGQIFEAYN MAALWKLPCI FICENNRYGM GTSVERAAAS TDYYKRGDFI PGLRVDGMDI LCVREATRFA AAYCRSGKGP ILMELQTYRY HGHSMSPGV SYRTREEIQE VRSKSDPIML LKDRMVNSNL ASVEELKEID VEVKEIEDA AQFATADPEP PLEELGYHIY SSDPPFEVRG ANQWIKFKSV S
Applicable Applications for anti-EPHA3/EPHA4/EPHA5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 700-800 of human EPHA3/EPHA4/EPHA5 (NP_005224.2).
Cellular Location	actin cytoskeleton, cytosol, early endosome, extracellular region, nuclear membrane, nucleoplasm, plasma membrane
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



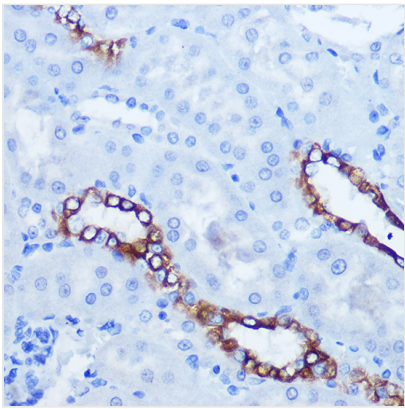
IF (Immunofluorescence)
Immunofluorescence analysis of NIH/3T3 cells using EPHA3/EPHA4/EPHA5 pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)
Immunofluorescence analysis of C6 cells using EPHA3/EPHA4/EPHA5 pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human placenta using EPHA3/EPHA4/EPHA5 pAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat kidney using EPHA3/EPHA4/EPHA5 pAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA3/EPHA4/EPHA5 antibody	Receptor tyrosine kinase which binds promiscuously membrane-bound ephrin 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. Highly promiscuous for ephrin-A ligands it binds preferentially EFNA5. Upon activation by EFNA5 regulates cell-cell adhesion, cytoskeletal organization and cell migration. Plays a role in cardiac cells migration and differentiation and regulates the formation of the atrioventricular canal and septum during development probably through activation by EFNA1. Involved in the retinotectal mapping of neurons. May also control the segregation but not the guidance of motor and sensory axons during neuromuscular circuit development.
Product Categories/Family for anti-EPHA3/EPHA4/EPHA5 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505685
NCBI GeneID	5160
NCBI Accession #	NP_000275.1
NCBI GenBank Nucleotide #	NM_000284.3
UniProt Accession #	P08559 ; Q53H41 ; Q5JPT8 ; Q9NP12 ; Q9UBJ8 ; Q9UBU0 ; Q9UNG4 ; Q9UNG5 ; A5YVE9 ; B7Z3T7 ; B7Z3X5

Molecular Weight	43,296 Da
NCBI Official Full Name	pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial isoform 1
NCBI Official Synonym Full Names	pyruvate dehydrogenase (lipoamide) alpha 1
NCBI Official Symbol	PDHA1
NCBI Official Synonym Symbols	PDHA; PHE1A; PDHCE1A
NCBI Protein Information	pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial; PDHE1-A type I; pyruvate dehydrogenase complex, E1-alpha polypeptide 1
UniProt Protein Name	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial
UniProt Gene Name	PDHA1
UniProt Synonym Gene Names	PHE1A
UniProt Entry Name	ODPA_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/epha3-epha4-epha5-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/282338>