

Rabbit Eph receptor B3 Polyclonal Antibody | anti-EPHB3 antibody

Anti-Eph receptor B3 antibody

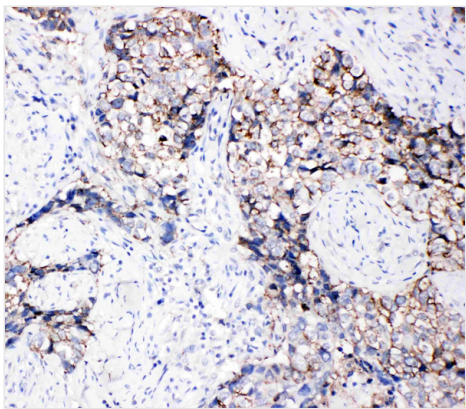
CATALOG # AAA45176	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

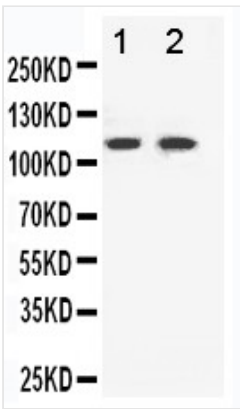
Eph receptor B3; Polyclonal Antibody; Anti-Eph receptor B3 antibody; Ephrin type-B receptor 3; EPH receptor B3; Cek10 antibody; EK2 antibody; Embryonic kinase 2 antibody; EPH Like Tyrosine Kinase 2 antibody; EPH-like kinase 2 antibody; EphB3 antibody; EPHB3_HUMAN antibody; Ephrin receptor EphB3 antibody; Ephrin type B receptor 3 antibody; Ephrin type-B receptor 3 antibody; ETK2 antibody; HEK2 antibody; Human Embryo Kinase 2 antibody; Mdk5 antibody; Sek4 antibody; TYRO6 antibody; Tyrosine protein kinase receptor HEK2 antibody; Tyrosine protein kinase TYRO6 antibody; Tyrosine-protein kinase TYRO6 antibody; anti-EPHB3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	998
Applicable Applications for anti-EPHB3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Eph receptor B3 (982-998aa SIQDMRLQMNQTLPVQV), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Anti-Eph receptor B3 antibody, AAA45176, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti-Eph receptor B3 antibody, AAA45176, Western blottingLane 1: HELA Cell LysateLane 2: A549 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-EPHB3 antibody

Description: Rabbit IgG polyclonal antibody for Ephrin type-B receptor 3(EPHB3) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: Ephrin Receptor EphB3, is also known as human embryo kinase2(HEK2) or Eph-like tyrosine kinase2(ETK2). HEK2, which is a member of the EPH/ELK family of tyrosine kinases, encodes a 998-amino acid polypeptide having a single putative transmembrane domain, a secretory signal sequence, and 2 fibronectin repeats. The EPHB3 gene is mapped to human chromosome 3q21-qter. HEK2 interacts with 2 ligands of EPH-related kinases(LERKs), namely, LERK2(EFNB1) and LERK5(EFNB2). Coincubation of HEK2- and LERK2-expressing cells induces cell-cell adhesion and aggregation. Additionally, coexpression of HEK2 and LERK2 results in reduced kinase activity of HEK2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	76803655
NCBI GeneID	2049
UniProt Accession #	P54753; Q7Z740
Molecular Weight	110,330 Da
NCBI Official Full Name	Ephrin type-B receptor 3
NCBI Official Synonym Full Names	EPH receptor B3
NCBI Official Symbol	EPHB3
NCBI Official Synonym Symbols	ETK2; HEK2; TYRO6
NCBI Protein Information	ephrin type-B receptor 3; EK2; EPH-like kinase 2; embryonic kinase 2; human embryo kinase 2; EPH-like tyrosine kinase 2; EPH-like tyrosine kinase-2; tyrosine-protein kinase TYRO6
UniProt Protein Name	Ephrin type-B receptor 3
UniProt Gene Name	EPHB3
UniProt Synonym Gene Names	ETK2; HEK2; TYRO6; EPH-like kinase 2; EK2; hEK2
UniProt Entry Name	EPHB3_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.