

Rabbit anti-Mouse EphB4 Polyclonal Antibody | anti-EphB4 antibody

Anti-EphB4 Antibody, Rabbit Polyclonal

CATALOG # AAA257187	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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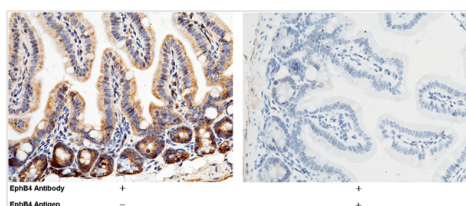
PRODUCT SYNONYMS

EphB4; Polyclonal Antibody; Anti-EphB4 Antibody; Rabbit Polyclonal; EphB4 Antibody; Rabbit PAb; Antigen Affinity Purified; EPH receptor B4; Anti-AI042935 Antibody; Anti-Htk Antibody; Anti-MDK2 Antibody; Anti-Myk1 Antibody; Anti-Tyro11 Antibody; anti-EphB4 antibody

PRODUCT SPECIFICATIONS

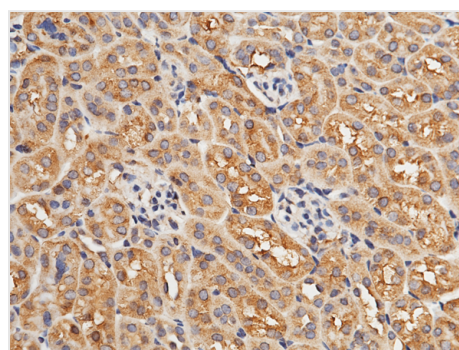
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse EphB4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-EphB4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Mouse EphB4 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse EphB4 (rM EphB4). EphB4 specific IgG was purified by Mouse EphB4 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse EphB4 in mouse intestine with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).



IHC (Immunohistochemistry)

Immunochemical staining of mouse EphB4 in mouse kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-EphB4 antibody	Ephrin type-B receptor 4 is a protein that in humans is encoded by the EPHB4 gene. It is a single-pass type I membrane protein belonging to the ephrin receptor subfamily of protein kinase superfamily. Members of the ephrin and Eph family are local mediators of cell function through largely contact-dependent processes in development and in maturity. Furthermore, EphB4 protein and the corresponding ligand Ephrin-B2 contribute to tumor growth in various human tumors. EphB4 protein has tumor suppressor activities and that regulation of cell proliferation, extracellular matrix remodeling, and invasive potential are important mechanisms of tumor suppression. Therefore, Ephrin-B2/EphB4 may be recognized as a novel prognostic indicator for cancers.
Product Categories/Family for anti-EphB4 antibody	Actin Dynamics Signaling Pathway
References	Davalos V, et al. (2006) EPHB4 and survival of colorectal cancer patients. Cancer Res. 66(18): 8943-8.Zhao C, et al. (2006) Bidirectional ephrinB2-EphB4 signaling controls bone homeostasis. Cell Metab. 4(2): 111-21.Kertesz N, et al. (2006) The soluble extracellular domain of EphB4 (sEphB4) antagonizes EphB4-EphrinB2 interaction, modulates angiogenesis, and inhibits tumor growth. Blood. 107(6): 2330-8.Noren NK, et al. (2007) Paradoxes of the EphB4 receptor in cancer. Cancer Res. 67(9): 3994-7.Taylor AC, et al. (2007) EphB4 expression along adult rat microvascular networks: EphB4 is more than a venous specific marker. Microcirculation. 14(3): 253-67.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227330573
NCBI GeneID	13846
NCBI Accession #	NP_034274.4
NCBI GenBank Nucleotide #	NM_010144.6
UniProt Accession #	P54761; Q60627; Q99MR2
Molecular Weight	108,848 Da
NCBI Official Full Name	ephrin type-B receptor 4 isoform b
NCBI Official Synonym Full Names	Eph receptor B4
NCBI Official Symbol	Ephb4
NCBI Official Synonym Symbols	Htk; MDK2; Myk1; Tyro11; AI042935; b2b2412Clo
NCBI Protein Information	ephrin type-B receptor 4
UniProt Protein Name	Ephrin type-B receptor 4
UniProt Gene Name	Ephb4
UniProt Synonym Gene Names	Htk; Mdk2; Myk1; mDK-2

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.