

Rabbit anti-Human EphReceptor B3 (EPHB3) Monoclonal Antibody | anti-EPHB3 antibody

EphReceptor B3 (EPHB3) Rabbit mAb

CATALOG # AAA282698	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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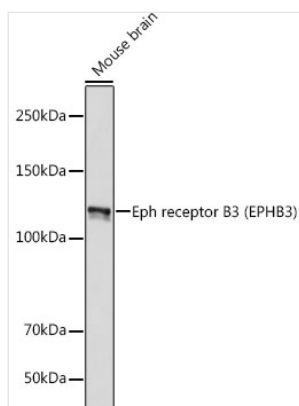
PRODUCT SYNONYMS

EphReceptor B3 (EPHB3); Monoclonal Antibody; EphReceptor B3 (EPHB3) Rabbit mAb; EK2; ETK2; HEK2; TYRO6; anti-EPHB3 antibody

PRODUCT SPECIFICATIONS

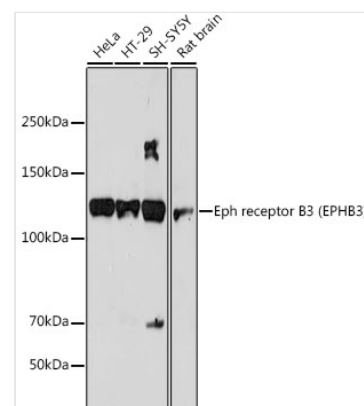
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SELAWTSHPE SGWEEVSGYD EAMNPIRTYQ VCNVRESSQN NWLRTGFIWR RDVQRVYVEL KFTVRDCNSI PNIPGSCKET FNLFFYEADS DVASASSPFW M
Applicable Applications for anti-EPHB3 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human EphReceptor B3 (EPHB3)(EPHB3)(P54753).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Mouse brain, using Eph receptor B3 (EPHB3) Rabbit mAb (AAA282698) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



WB (Western Blot)

Western blot analysis of various lysates using Eph receptor B3 (EPHB3) Rabbit mAb (AAA282698) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-EPHB3 antibody	Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Ephfamily of receptors are divided into two groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. This gene encodes a receptor for ephrin-B family members.
Product Categories/Family for anti-EPHB3 antibody	Signal Transduction; Kinase; Neuroscience; Cell Type Marker; Neuron marker; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	76803655
NCBI GeneID	2049
UniProt Accession #	P54753; Q7Z740
Molecular Weight	Calculated MW: 110kDa Observed MW: 110kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ephreceptor-b3-ephb3-antibody-western-blot-elisa/282698>