

A3293

Leader in Biomolecular Solutions for Life Science



EPHB4 Rabbit pAb

Catalog No.: A3293 **1 Publications**

Basic Information

Observed MW

108kDa

Calculated MW

108kDa

Category

Mouse Monoclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse

Background

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 Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene binds to ephrin-B2 and plays an essential role in vascular development.

Recommended Dilutions

WB 1:200 - 1:2000

Immunogen Information

Gene ID

2050

Swiss Prot

P54760

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 300-540 of human EPHB4 (NP_004435.3).

Synonyms

HTK; MYK1; HFASD; CMAVM2; LMPHM7; TYRO11; EPHB4

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

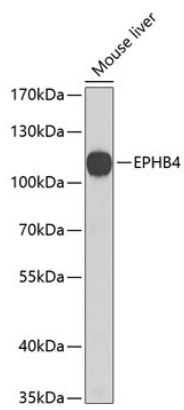
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of mouse liver, using EPHB4 antibody (A3293) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.