

# EPHB4 Rabbit pAb

Catalog No.: A3293 **1 Publications**

## Basic Information

### Observed MW

108kDa

### Calculated MW

108kDa

### Category

Primary antibody

### Applications

ELISA,WB

### 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

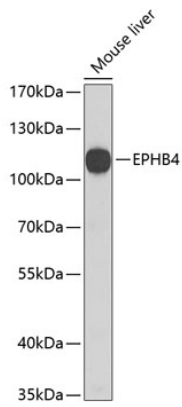
### Storage

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

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

## Validation Data

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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: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.