

EPHB1 Rabbit pAb

Catalog No.: A8415 **1 Publications**

Basic Information

Observed MW

110kDa

Calculated MW

110kDa

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 is a receptor for ephrin-B family members.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2047

Swiss Prot

P54762

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 260-500 of human EPHB1 (NP_004432.1).

Synonyms

ELK; NET; Hek6; EPHT2; EPHB1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

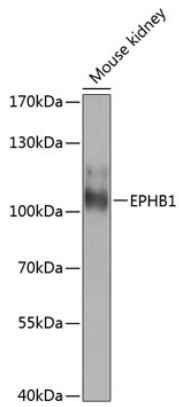
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts of mouse kidney, using EPHB1 antibody (A8415) 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: 60s.