

EDNRB Rabbit pAb

Catalog No.: A2908

Basic Information

Observed MW

49kDa

Calculated MW

50kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Background

The protein encoded by this gene is a G protein-coupled receptor which activates a phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. Studies suggest that the multigenic disorder, Hirschsprung disease type 2, is due to mutations in the endothelin receptor type B gene. Alternative splicing and the use of alternative promoters results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

1910

Swiss Prot

P24530

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ETB; ET-B; ETB1; ETBR; ETRB; HSCR; WS4A; ABCDS; ET-BR; HSCR2; EDNRB

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

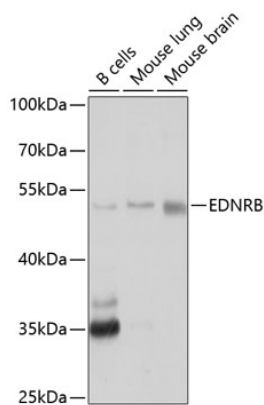
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using EDNRB Rabbit pAb (A2908) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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: 1s.