
Ephrin-B2 Rabbit pAb

Catalog Number: bs-10659R

Target Protein: Ephrin-B2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Rat (predicted:Human, Mouse)

Predicted MW: 34 kDa

Entrez Gene: 1948

Swiss Prot: P52799

Source: KLH conjugated synthetic peptide derived from human Ephrin-B2: 21-120/333.

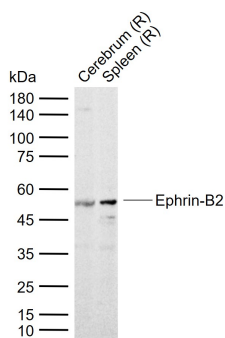
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. 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. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Sample: Lane 1: Rat Cerebrum tissue lysates Lane 2: Rat Spleen tissue lysates Primary: Anti-Ephrin-B2 (bs-10659R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kDa Observed band size: 52 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.3] Ying Fu. et al. Imbalanced EphB4/EphrinB2 Signaling Modulates Bone Resorption in Periodontitis Induced by Porphyromonas gingivalis. ACS INFECT DIS. 2024;XXXX(XXX):XXX-XXX WB ; Rat . 38442009

[IF=3.743] Zhu F et al. EFNB2 facilitates cell proliferation, migration, and invasion in pancreatic ductal adenocarcinoma via the p53/p21 pathway and EMT. Biomed Pharmacother. 2020 Feb 6;125:109972. WB ; Human . 32036221

[IF=1.813] Huang Mi. et al. Icariin Alleviates Glucocorticoid-Induced Osteoporosis through EphB4/Ephrin-B2 Axis. Evid-Based Compl Alt. 2020;2020:2982480 IHC ; Mouse . 32508946

[IF=2.153] Sun Chen-Li. et al. Blockade of Erythropoietin-Producing Human Hepatocellular Carcinoma Receptor B1 in Spinal Dorsal Horn Alleviates Visceral Pain in Rats. Pain Res Manag. 2021;2021:7582494 WB ; Rat . 33880135