

For Research Use Only

Ephrin B2 Polyclonal antibody

Catalog Number: 26533-1-AP



Basic Information

Catalog Number: 26533-1-AP	GenBank Accession Number: BC074856	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 1948	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: ephrin-B2	
Isotype: IgG	Calculated MW: 333 aa, 37 kDa	
Immunogen Catalog Number: AG24865	Observed MW: 47-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse lung tissue, mouse placenta tissue, mouse spleen tissue
Species Specificity: human, mouse	

Background Information

Ephrin B2 (EFNB2) is a transmembrane ligand for the Ephrin B class (EPHB) of receptor tyrosine kinases. EPHB receptor (EPHB1-EPHB4, EPH6) are located at the member of one cell and activated by binding EFNb protein located on another cell, resulting in a bidirectional Ephrin-EphR signaling (PMID: 26790531). Ephrin-B are involved in vasculogenesis, neural development and synaptic plasticity, and in pathological processes such as cancer or neurodegeneration (PMID:29508392). The calculated molecular weight of EFNb2 is 37 kDa, and there is also detected about 50 kDa band in the article (PMID: 27650867, PMID: 23492730).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

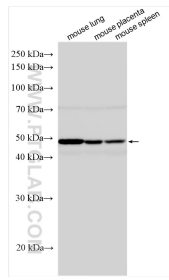
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26533-1-AP (Ephrin B2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.