

For Research Use Only

Ephrin B1 Polyclonal antibody, PBS Only

Catalog Number: 12999-1-PBS

Featured Product



Basic Information

Catalog Number:

12999-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3669

GenBank Accession Number:

BC016649

GeneID (NCBI):

1947

UNIPROT ID:

P98172

Full Name:

ephrin-B1

Calculated MW:

346 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

EFNB1 (Ephrin B1) is a member of the ephrin family, which are membrane-bound guidance cues that interact with Eph receptors, a family of receptor tyrosine kinases. EFNB1 is X-inactivated, and it has been proposed that in heterozygous females, patchy loss of ephrin B1 disturbs tissue boundary formation at the developing coronal suture (PMID: 34824583, 18627045). EFNB1 mainly plays a central part in cell adhesion, angiogenesis, and development of the nervous system (PMID: 30326247).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

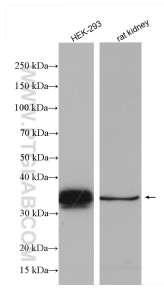
T: 4006900926

E: Proteintech-CN@ptglab.com

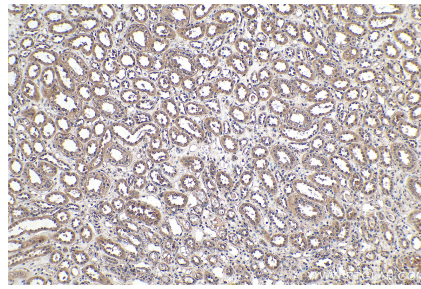
W: ptgcn.com

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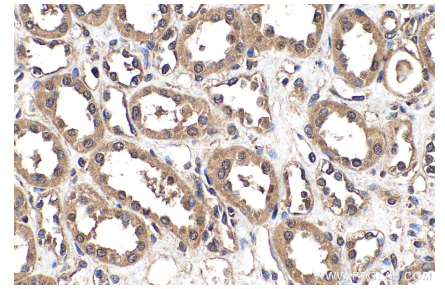
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12999-1-AP (Ephrin B1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12999-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12999-1-AP (Ephrin B1 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12999-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 12999-1-AP (Ephrin B1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12999-1-PBS in a different storage buffer formulation.