

PPFIA4 Polyclonal antibody

Catalog Number: 25295-1-AP

Basic Information

Catalog Number:

25295-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18130

GenBank Accession Number:

BC132925

GeneID (NCBI):

8497

UNIPROT ID:

O75335

Full Name:

protein tyrosine phosphatase,
receptor type, f polypeptide (PTPRF),
interacting protein (liprin), alpha 4

Calculated MW:

701 aa, 78 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

IHC : mouse brain tissue, rat brain tissue

Background Information

Protein tyrosine phosphatase receptor type F polypeptide interacting protein alpha 4 (PPFIA4), also named as Liprin alpha 4, belongs to the liprin family and Liprin-alpha subfamily. PPFIA4 has been reported as a new potential therapeutic target for refractory pancreatic cancer, small cell lung cancer, and clear cell renal cell cancer (PMID: 35382861). As a glycolysis-related oncogene, PPFIA4 is also a potential biomarker of colon cancer (PMID: 34094943).

Storage

Storage:

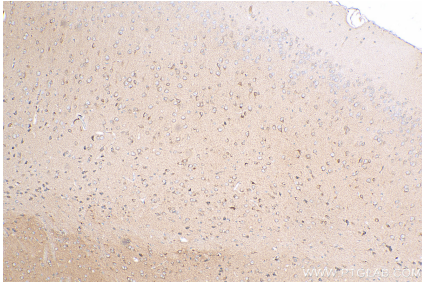
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

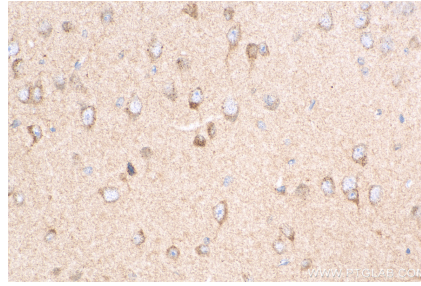
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25295-1-AP (PPFIA4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 25295-1-AP (PPFIA4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).