For Research Use Only

FAR2 Polyclonal antibody

Catalog Number:27717-1-AP

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Basic Information

Catalog Number:
27717-1-AP

Size:
150ul , Concentration: 500 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG26819

GenBank Accession Number:
BC022267

GeneID (NCBI):
55711

UNIPROT ID:
Q96K12

Full Name:
fatty acyl CoA reductase 2

Calculated MW:
515 aa, 59 kDa

Observed MW:
59 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:1000-1:6000
IHC: 1:300-1:1200

Applications

Tested Applications:
WB, 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:

WB : Neuro-2a cells, mouse brain tissue, rat brain tissue

IHC : human colon cancer tissue, human colon tissue

Background Information

Fatty acyl-CoA reductase 2 (FAR2), also known as MLSTD1, belongs to the fatty acyl-CoA reductase family. FAR2 catalyzes the reduction of saturated but not unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols (PMID: 24009241). FAR2 may play a role in the production of ether lipids/plasmalogens and wax monoesters which synthesis requires fatty alcohols as substrates. FAR2 has 2 isoforms with the molecular mass of 49 kDa and 59 kDa (Refer to Uniprot).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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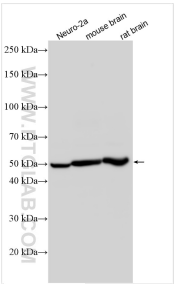
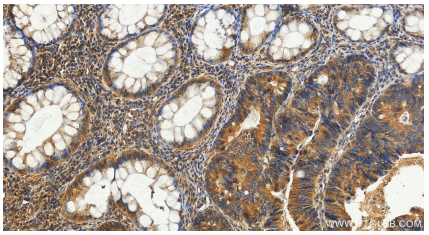
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27717-1-AP (FAR2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 27717-1-AP (FAR2 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).