

For Research Use Only

FAR2 Polyclonal antibody, PBS Only

Catalog Number: 27717-1-PBS



Basic Information

Catalog Number:

27717-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS only, pH7.3

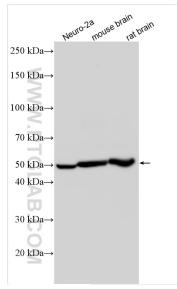
For technical support and original validation data for this product please contact:

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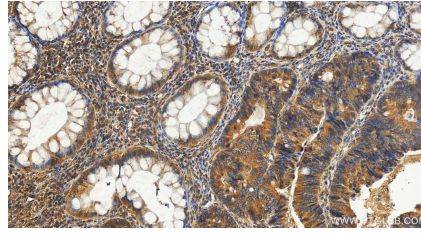
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W: ptglab.com

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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. This data was developed using the same antibody clone with 27717-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 27717-1-PBS in a different storage buffer formulation.