

For Research Use Only

FAR2 Polyclonal antibody

Catalog Number: 27717-1-AP



Basic Information

Catalog Number: 27717-1-AP	GenBank Accession Number: BC022267	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 55711	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96K12	
Isotype: IgG	Full Name: fatty acyl CoA reductase 2	
Immunogen Catalog Number: AG26819	Calculated MW: 515 aa, 59 kDa	
	Observed MW: 59 kDa	

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 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

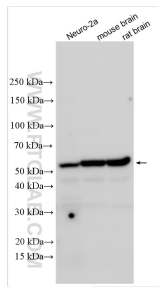
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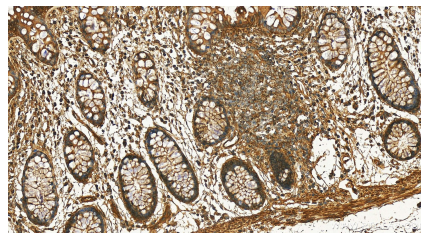
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27717-1-AP (FAR2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 27717-1-AP (FAR2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).