

For Research Use Only

FA2H Recombinant antibody

Catalog Number: 86020-2-RR



Basic Information

Catalog Number:

86020-2-RR

Size:

100ul , Concentration: 1000 µg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7717

GenBank Accession Number:

BC002679

GeneID (NCBI):

79152

UNIPROT ID:

Q7L5A8

Full Name:

fatty acid 2-hydroxylase

Calculated MW:

43 kDa

Observed MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

250401F2

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MKN-45 cells, SGC-7901 cells, fetal human brain
tissue

Background Information

FA2H(Fatty acid 2-hydroxylase) required for alpha-hydroxylation of free fatty acids and the formation of alpha-hydroxylated sphingolipids. The deduced 372-amino acid protein has a calculated molecular mass of 42.8 kD .Both mouse and human FA2H have a C-terminal endoplasmic reticulum (ER) retention motif(PMID: 15658937).

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

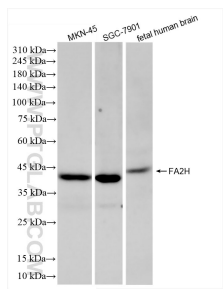
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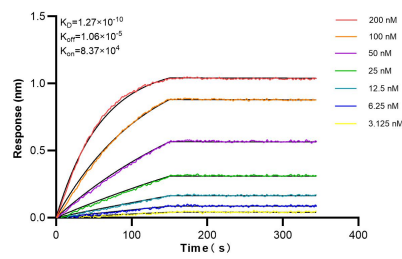
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86020-2-RR (FA2H antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86020-2-RR against Human FA2H were performed. The affinity constant is 0.127 nM.