

For Research Use Only

FA2H Recombinant antibody, PBS Only

Catalog Number: 86020-2-PBS



Basic Information

Catalog Number:

86020-2-PBS

Size:

100ug , Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

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

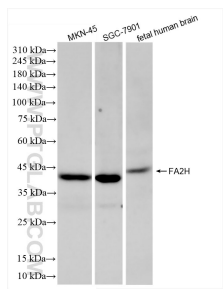
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

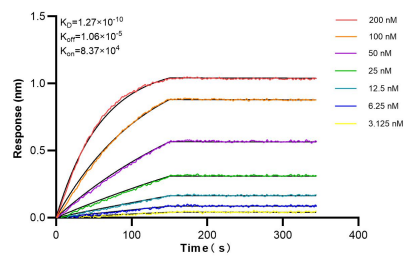
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Selected Validation Data



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. This data was developed using the same antibody clone with 86020-2-PBS in a different storage buffer formulation.



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