

For Research Use Only

FAM86A Polyclonal antibody

Catalog Number: 32472-1-AP



Basic Information

Catalog Number:

32472-1-AP

Concentration:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38481

GenBank Accession Number:

BC010084

GeneID (NCBI):

196483

UNIPROT ID:

Q96G04

Full Name:

family with sequence similarity 86, member A

Observed MW:

38 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells,

Background Information

FAM86A is a class I lysine methyltransferase (KMT), belonging to the family of protein methyltransferases (KMTs), which produces trimethylation (K525me3) at the Lys525 site of eukaryotic translation elongation factor 2 (EEF2) and promotes the binding of eEF2 to ribosomes, thereby regulating the protein synthesis. (PMID: 38508183) FAM86A is expressed in a highly dependent manner in a variety of human cancer cell lines, suggesting that FAM86A may be a potential target for future anticancer therapy.

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

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

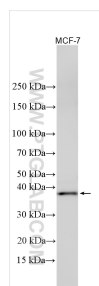
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32472-1-AP (FAM86A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.