

For Research Use Only

# FAM86A Polyclonal antibody, PBS Only

Catalog Number: 32472-1-PBS



## Basic Information

Catalog Number:

32472-1-PBS

Concentration:

1 mg/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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

FAM86A is a class I lysine methyltransferase (KMT), belonging to the family of protein methyltransferases (KMTs), which produces trimethylation (K525me<sub>3</sub>) 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

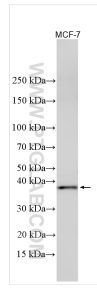
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## 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. This data was developed using the same antibody clone with 32472-1-PBS in a different storage buffer formulation.