

For Research Use Only

FAM86A Polyclonal antibody

Catalog Number: 32472-1-AP



Basic Information

Catalog Number: 32472-1-AP	GenBank Accession Number: BC010084	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 196483	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q96G04	
Isotype: IgG	Full Name: family with sequence similarity 86, member A	
Immunogen Catalog Number: AG38481	Observed MW: 38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells,
Species Specificity: human	

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

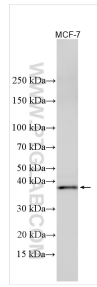
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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
W: ptglab.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.