

FAM98B Rabbit mAb

Catalog # AP75425

Product Information

Application	WB, IHC-P, IHC-F
Primary Accession	Q52LJ0
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	45547

Additional Information

Gene ID	283742
Other Names	FAM98B
Dilution	WB~~1:1000-1:5000 IHC-P~~N/A IHC-F~~N/A
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

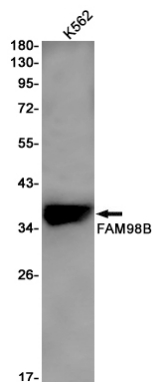
Protein Information

Name	FAM98B (HGNC:26773)
Function	Accessory subunit of the tRNA-splicing ligase complex that acts by directly joining spliced tRNA halves to mature-sized tRNAs by incorporating the precursor-derived splice junction phosphate into the mature tRNA as a canonical 3',5'-phosphodiester. May act as an RNA ligase with broad substrate specificity and may function toward other RNAs (PubMed: 21311021 , PubMed: 24870230). Could regulate the expression of PRMT1, a protein arginine N-methyltransferase (PubMed: 28040436).
Cellular Location	Nucleus. Cytoplasm
Tissue Location	Expressed strongly in colorectal cancer tissues compared to wild-type colon samples (at protein level) (PubMed: 28040436). Expressed strongly in colorectal cancer tissues compared to wild-type colon samples (PubMed: 28040436)

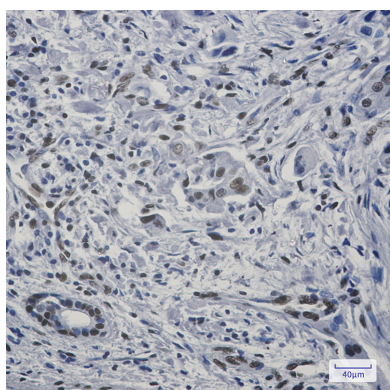
Background

Positively stimulates PRMT1-induced protein arginine dimethylated arginine methylation (PubMed:28040436). Promotes colorectal cancer cell malignancy (PubMed:28040436).

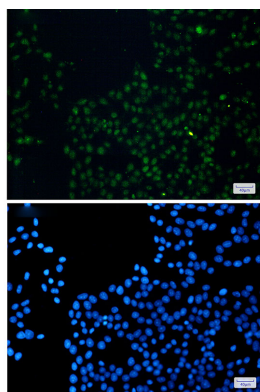
Images



Western blot analysis of FAM98B in K562 lysates using FAM98B antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using FAM98B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of FAM98B (green) in HeLa using FAM98B antibody, and DAPI (blue)

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