

FAM119A Rabbit pAb

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Catalog # AP55680

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8WXB1
Reactivity	Rat
Predicted	Dog, Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24600
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM119A
Epitope Specificity	1-100/218
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	151194
Other Names	Protein N-lysine methyltransferase METTL21A, 2.1.1.-, HSPA lysine methyltransferase, HSPA-KMT, Hepatocellular carcinoma-associated antigen 557b {ECO:0000303 Ref.1}, Methyltransferase-like protein 21A, METTL21A, FAM119A, HCA557B {ECO:0000303 Ref.1}
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	METTL21A
Synonyms	FAM119A, HCA557B {ECO:0000303 Ref.1}
Function	Protein-lysine methyltransferase that selectively trimethylates residues in heat shock protein 70 (HSP70) family members. Contributes to the in vivo

trimethylation of Lys residues in HSPA1 and HSPA8. In vitro methylates 'Lys-561' in HSPA1, 'Lys-564' in HSPA2, 'Lys-585' in HSPA5, 'Lys-563' in HSPA6 and 'Lys-561' in HSPA8.

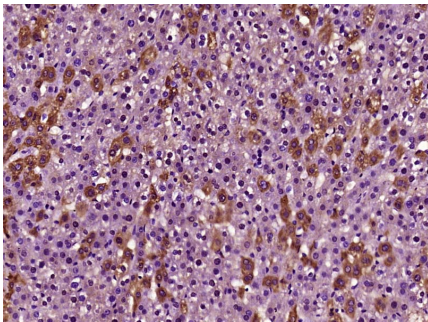
Cellular Location

Cytoplasm.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FAM119A) Polyclonal Antibody, Unconjugated (AP55680) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.