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FAM46C Rabbit pAb

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Catalog # AP58914

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5VWP2
Reactivity	Rat
Predicted	Pig, Dog, Human, Mouse, Rabbit, Chicken, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44944
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAM46C
Epitope Specificity	101-200/391
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	[FUNCTION] Seems to enhance replication of some viruses, including yellow fever virus, in response to type I interferon.

Additional Information

Gene ID	54855
Other Names	Terminal nucleotidyltransferase 5C, 2.7.7.19, Non-canonical poly(A) polymerase FAM46C, TENT5C (HGNC:24712)
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

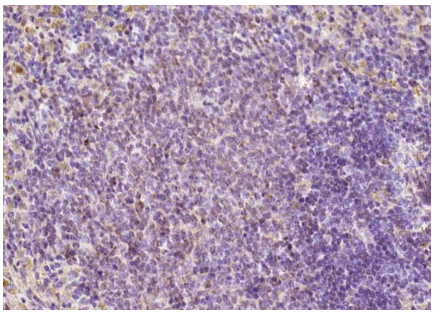
Name	TENT5C (HGNC:24712)
Function	Catalyzes the transfer of one adenosine molecule from an ATP to an mRNA poly(A) tail bearing a 3'-OH terminal group and enhances mRNA stability and gene expression (PubMed:28931820, PubMed:32009146, PubMed:34048638). Can also elongate RNA oligos ending with uridine molecule, provided that the

	sequence is adenosine-rich (PubMed:34048638). Mainly targets mRNAs encoding endoplasmic reticulum- targeted protein (PubMed:28931820).
Cellular Location	Nucleus. Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Note=Recruited into the centrosome through its interaction with PLK4

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (rat spleen); 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 (FAM46C) Polyclonal Antibody, Unconjugated (AP58914) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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