

**FAM46C Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58914****Specification**

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**FAM46C Polyclonal Antibody - Product Information**

Application	IHC-P
Primary Accession	<a href="#">Q5VWP2</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44944

**FAM46C Polyclonal Antibody - Additional Information****Gene ID** 54855**Other Names**

Terminal nucleotidyltransferase 5C, 2.7.7.19, Non-canonical poly(A) polymerase FAM46C, TENT5C  
([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=24712](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=24712))  
[HGNC:24712](#))

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**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.

**FAM46C Polyclonal Antibody - 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:[32009146](http://www.uniprot.org/citations/32009146), PubMed:[28931820](http://www.uniprot.org/citations/28931820), PubMed:[34048638](http://www.uniprot.org/citations/34048638)). Can also elongate RNA oligos ending with uridine molecule, provided that the sequence is adenosine-rich (PubMed:[34048638](http://www.uniprot.org/citations/34048638)). Mainly targets mRNAs encoding endoplasmic reticulum- targeted protein (PubMed:[28931820](http://www.uniprot.org/citations/28931820)).

**Cellular Location**

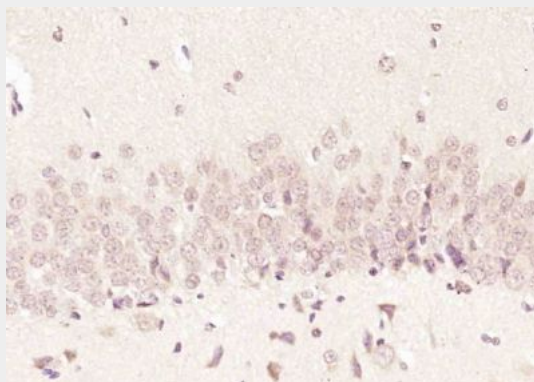
Nucleus. Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome  
Note=Recruited into the centrosome through its interaction with PLK4

## **FAM46C Polyclonal Antibody - Protocols**

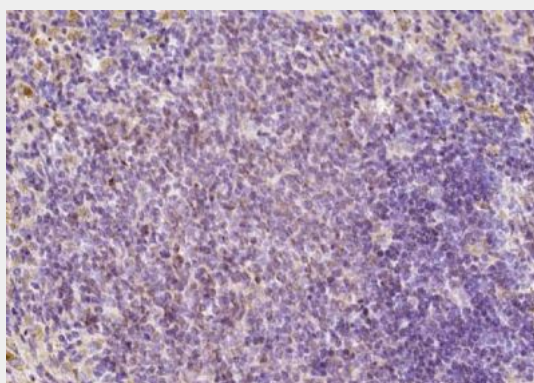
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **FAM46C Polyclonal Antibody - Images**



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (bs-8198R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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 (bs-8198R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.