

**FAM3A Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22345b****Specification**

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**FAM3A Antibody (C-Term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">P98173</a>
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	25152

**FAM3A Antibody (C-Term) - Additional Information****Gene ID** 60343**Other Names**

Protein FAM3A, Cytokine-like protein 2-19, FAM3A, 2-19

**Target/Specificity**

This FAM3A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 201-230 amino acids from the human region of human FAM3A.

**Dilution**

WB~~1:2000

IHC-P~~1:25

FC~~1:25

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

FAM3A Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FAM3A Antibody (C-Term) - Protein Information****Name** FAM3A**Synonyms** 2-19, 2.19

**Function** May act as a defensin against invading fungal microorganisms.

**Cellular Location**  
Secreted.

**Tissue Location**

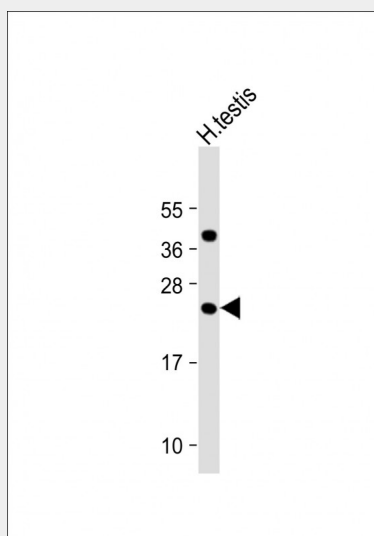
In similar amounts in testis, pancreas, adrenal, placenta, brain, fetal brain, liver, kidney, skeletal muscle and heart

**FAM3A Antibody (C-Term) - Protocols**

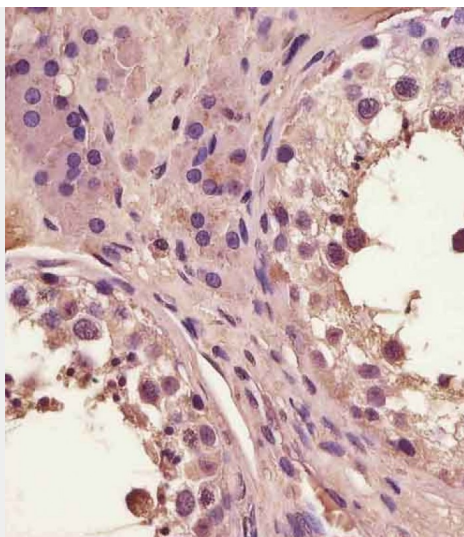
Provided below are standard protocols that you may find useful for product applications.

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

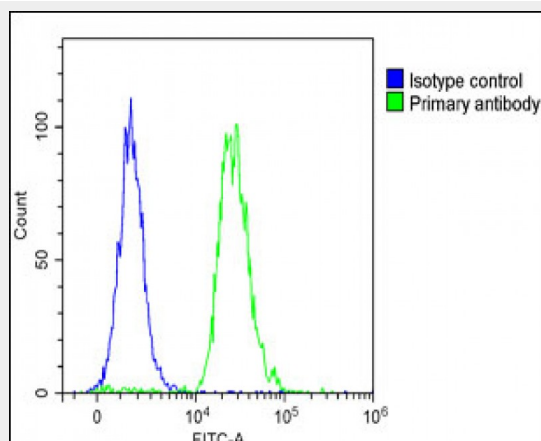
**FAM3A Antibody (C-Term) - Images**



Anti-FAM3A Antibody (C-Term) at 1:2000 dilution + Human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



AP22345b staining FAM3A in human testis tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hour at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing A431 cells stained with AP22345b (green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.

### **FAM3A Antibody (C-Term) - Background**

May act as a defensin against invading fungal microorganisms.

### **FAM3A Antibody (C-Term) - References**

- Bione S., et al. Proc. Natl. Acad. Sci. U.S.A. 90:10977-10981(1993).  
Zollo M., et al. Submitted (MAY-1991) to the EMBL/GenBank/DDBJ databases.  
Chen E.Y., et al. Hum. Mol. Genet. 5:659-668(1996).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Ross M.T., et al. Nature 434:325-337(2005).

