

# FAM3A Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22345b

## Product Information

---

<b>Application</b>	WB, IHC-P, FC, E
<b>Primary Accession</b>	<a href="#">P98173</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB58080
<b>Calculated MW</b>	25152

## Additional Information

---

<b>Gene ID</b>	60343
<b>Other Names</b>	Protein FAM3A, Cytokine-like protein 2-19, FAM3A, 2-19
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:2000 IHC-P~~1:100~500 FC~~1:25 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	FAM3A Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	FAM3A
<b>Synonyms</b>	2-19, 2.19
<b>Function</b>	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

## Background

---

May act as a defensin against invading fungal microorganisms.

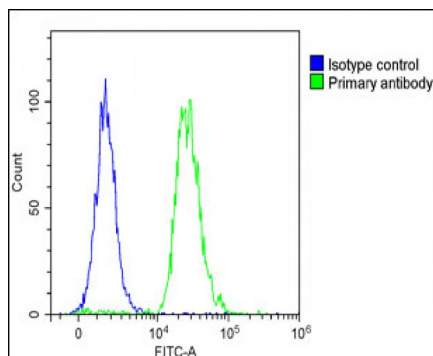
## References

---

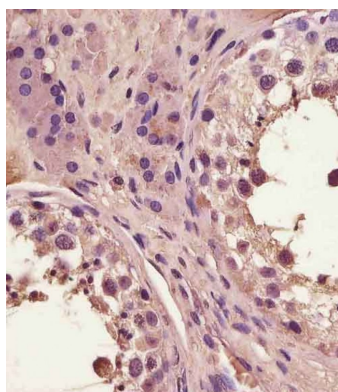
Bione S.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:10977-10981(1993).  
Zollo M.,et al.Submitted (MAY-1991) to the EMBL/GenBank/DDBJ databases.  
Chen E.Y.,et al.Hum. Mol. Genet. 5:659-668(1996).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Ross M.T.,et al.Nature 434:325-337(2005).

## Images

---

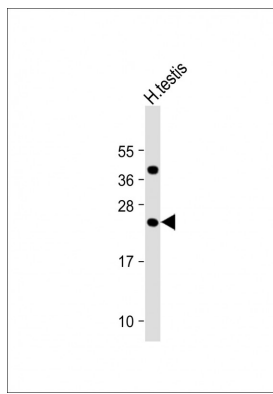


Overlay histogram showing A431 cells stained with AP22345b(green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (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 (1µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10, 000 events was performed.



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 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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.



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