

**FA96A Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11250b****Specification**

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**FA96A Antibody (C-term) - Product Information**

Application	IF, WB, IHC-P,E
Primary Accession	<a href="#">Q9H5X1</a>
Other Accession	<a href="#">Q9DCL2</a> , <a href="#">Q3T0U7</a> , <a href="#">NP_115607.1</a>
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	109-138

**FA96A Antibody (C-term) - Additional Information****Gene ID** 84191**Other Names**

MIP18 family protein FAM96A, FAM96A

**Target/Specificity**

This FA96A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the C-terminal region of human FA96A.

**Dilution**

IF~~1:10~50  
WB~~1:2000  
IHC-P~~1:50~100

**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**

FA96A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FA96A Antibody (C-term) - Protein Information****Name** CIAO2A ([HGNC:26235](#))

**Function** Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins (PubMed:[23891004](#)). As a CIA complex component and in collaboration with CIAO1 specifically matures ACO1 and stabilizes IREB2, connecting cytosolic iron-sulfur protein maturation with cellular iron regulation (PubMed:[23891004](#)). May play a role in chromosome segregation through establishment of sister chromatid cohesion. May induce apoptosis in collaboration with APAF1 (PubMed:[25716227](#)).

**Cellular Location**

Cytoplasm.

**Tissue Location**

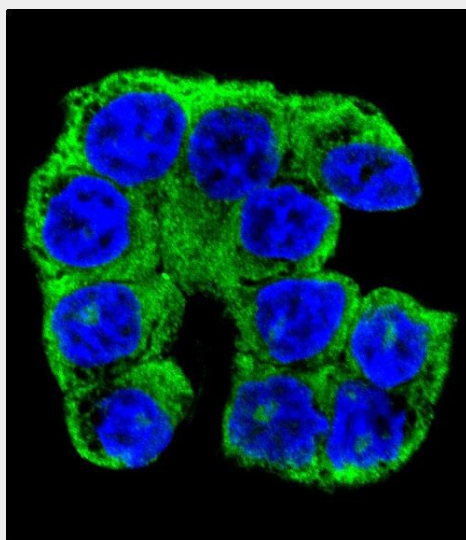
Substantially enriched in macrophages.

**FA96A Antibody (C-term) - Protocols**

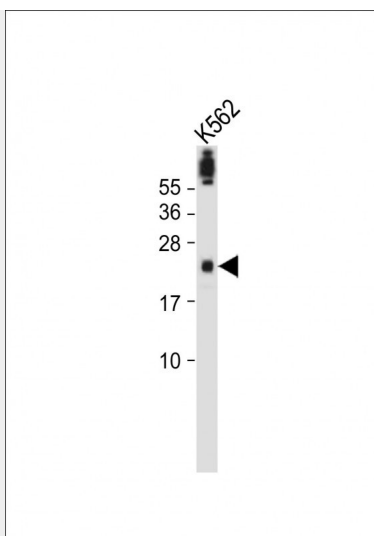
Provided below are standard protocols that you may find useful for product applications.

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

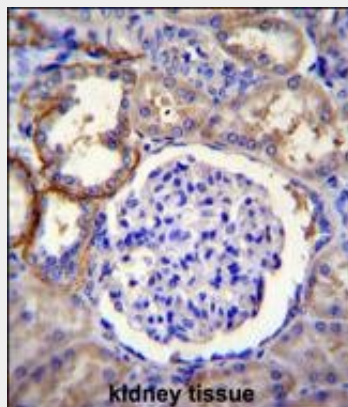
**FA96A Antibody (C-term) - Images**



Confocal immunofluorescent analysis of FA96A Antibody (C-term)(Cat#AP11250b) with WiDr cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Anti-FA96A Antibody (C-term) at 1:2000 dilution + K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 18 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



FA96A Antibody (C-term) (Cat. #AP11250b) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FA96A Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **FA96A Antibody (C-term) - References**

Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :