

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

Specification

FA96A Antibody (C-term) - Product Information

Application	WB, IF, IHC-P,E
Primary Accession	Q9H5X1
Other Accession	Q9DCL2 , Q3T0U7 , NP_115607.1
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

WB~~1:2000

IF~~1:10~50

IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

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.

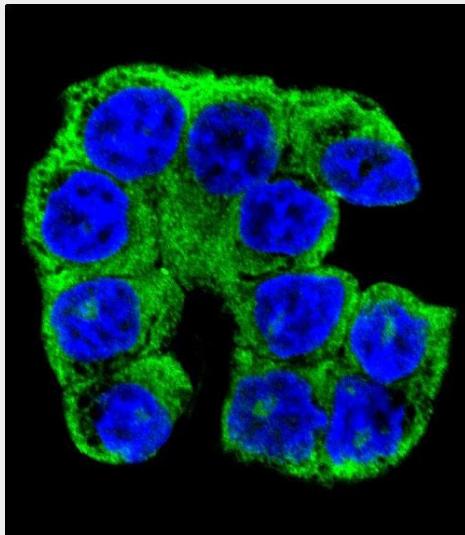
Tissue Location

Substantially enriched in macrophages.

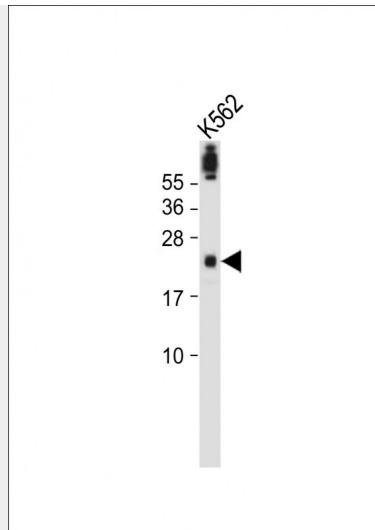
FA96A Antibody (C-term) - Protocols

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

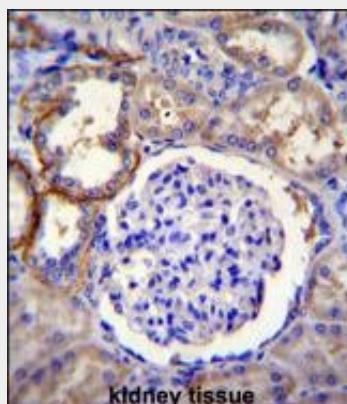
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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 μ g 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) :