

**ZNF81 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16535a****Specification**

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**ZNF81 Antibody (N-term) - Product Information**

Application	IF, WB,E
Primary Accession	<a href="#">P51508</a>
Other Accession	<a href="#">NP_009068.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	75960
Antigen Region	169-197

**ZNF81 Antibody (N-term) - Additional Information****Gene ID** 347344**Other Names**

Zinc finger protein 81, HFZ20, ZNF81

**Target/Specificity**

This ZNF81 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-197 amino acids from the N-terminal region of human ZNF81.

**Dilution**

IF~~1:10~50

WB~~1:1000

**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**

ZNF81 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ZNF81 Antibody (N-term) - Protein Information****Name** ZNF81**Function** May be involved in transcriptional regulation.

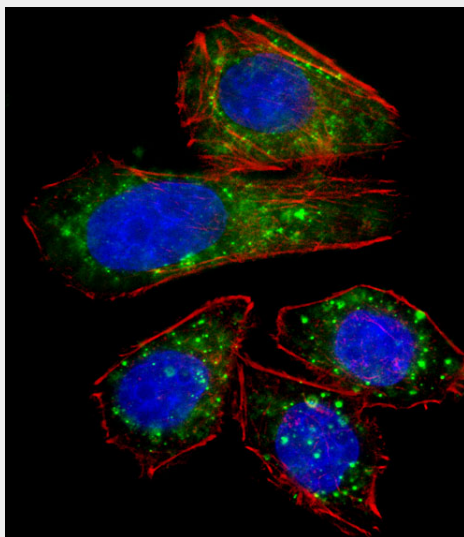
**Cellular Location**

Nucleus.

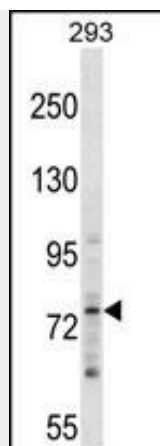
**ZNF81 Antibody (N-term) - Protocols**

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](#)

**ZNF81 Antibody (N-term) - Images**

Fluorescent confocal image of U251 cell stained with ZNF81 Antibody (N-term)(Cat#AP16535a).U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with ZNF81 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C).Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min).ZNF81 immunoreactivity is localized to Vesicles significantly and Cytoplasm weakly.



ZNF81 Antibody (N-term) (Cat. #AP16535a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the ZNF81 antibody detected the ZNF81 protein (arrow).

#### **ZNF81 Antibody (N-term) - Background**

This gene encodes a protein that likely functions as a transcription factor. The protein contains an N-terminal KRAB domain and several C2H2-type zinc finger motifs. Mutations in this gene cause mental retardation X-linked type 45 (MRX45). [provided by RefSeq].

#### **ZNF81 Antibody (N-term) - References**

Kleefstra, T., et al. J. Med. Genet. 41(5):394-399(2004)  
Hamel, B.C., et al. Am. J. Med. Genet. 85(3):290-304(1999)  
Knight, J.C., et al. Genomics 21(1):180-187(1994)  
Marino, M., et al. Mamm. Genome 4(5):252-257(1993)