

**ZC3H8 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11463a****Specification**

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**ZC3H8 Antibody (N-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">Q8N5P1</a>
Other Accession	<a href="#">NP_115883.2</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33576
Antigen Region	52-81

**ZC3H8 Antibody (N-term) - Additional Information****Gene ID** 84524**Other Names**

Zinc finger CCCH domain-containing protein 8, ZC3H8, ZC3HDC8

**Target/Specificity**

This ZC3H8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-81 amino acids from the N-terminal region of human ZC3H8.

**Dilution**

WB~~1:1000

FC~~1:10~50

**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**

ZC3H8 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ZC3H8 Antibody (N-term) - Protein Information****Name** ZC3H8**Synonyms** ZC3HDC8

**Function** Acts as a transcriptional repressor of the GATA3 promoter. Sequence-specific DNA-binding factor that binds to the 5'-AGGTCTC-3' sequence within the negative cis-acting element intronic regulatory region (IRR) of the GATA3 gene (By similarity). Component of the little elongation complex (LEC), a complex required to regulate small nuclear RNA (snRNA) gene transcription by RNA polymerase II and III (PubMed:[23932780](#)). Induces thymocyte apoptosis when overexpressed, which may indicate a role in regulation of thymocyte homeostasis.

#### Cellular Location

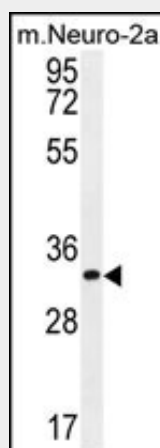
Nucleus. Note=Colocalizes with coilin in subnuclear cajal and histone locus bodies. Translocates in the LEC complex to cajal and histone locus bodies at snRNA genes in a ICE1-dependent manner. Associates to transcriptionally active chromatin at snRNA genes

#### ZC3H8 Antibody (N-term) - Protocols

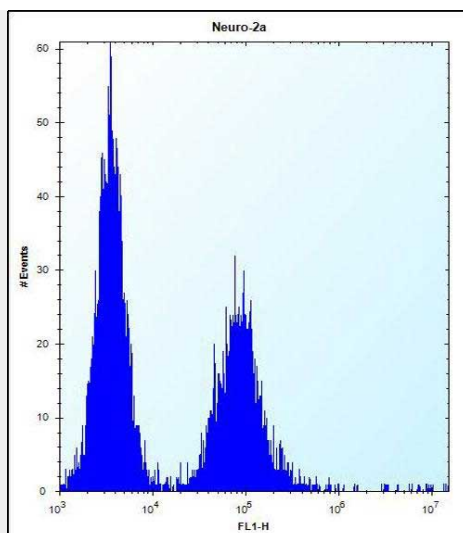
Provided below are standard protocols that you may find useful for product applications.

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

#### ZC3H8 Antibody (N-term) - Images



ZC3H8 Antibody (N-term) (Cat. #AP11463a) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the ZC3H8 antibody detected the ZC3H8 protein (arrow).



ZC3H8 Antibody (N-term) (Cat. #AP11463a) flow cytometric analysis of Neuro-2a cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

#### **ZC3H8 Antibody (N-term) - Background**

Acts as a transcriptional repressor of the GATA3 promoter. Sequence-specific DNA-binding factor that binds to the 5'-AGGTCTC-3' sequence within the negative cis-acting element intronic regulatory region (IRR) of the GATA3 gene (By similarity). Induces thymocyte apoptosis when overexpressed, which may indicate a role in regulation of thymocyte homeostasis.

#### **ZC3H8 Antibody (N-term) - References**

Lamesch, P., et al. Genomics 89(3):307-315(2007) Hwang, E.S., et al. Immunology 106(4):464-469(2002) Hwang, E.S., et al. J. Immunol. 169(1):248-253(2002)