

**ZMYND11 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8592a****Specification**

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**ZMYND11 Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q15326</a>
Other Accession	<a href="#">Q8R5C8</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	70963
Antigen Region	152-180

**ZMYND11 Antibody (N-term) - Additional Information****Gene ID** 10771**Other Names**

Zinc finger MYND domain-containing protein 11, Adenovirus 5 E1A-binding protein, Bone morphogenetic protein receptor-associated molecule 1, Protein BS69, ZMYND11, BRAM1, BS69

**Target/Specificity**

This ZMYND11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 152-180 amino acids from the N-terminal region of human ZMYND11.

**Dilution**

WB~~1:1000  
IHC-P~~1:200

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**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**

ZMYND11 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ZMYND11 Antibody (N-term) - Protein Information****Name** ZMYND11 ([HGNC:16966](#))

**Function** Chromatin reader that specifically recognizes and binds histone H3.3 trimethylated at 'Lys-36' (H3.3K36me3) and regulates RNA polymerase II elongation. Does not bind other histone H3 subtypes (H3.1 or H3.2) (By similarity). Colocalizes with highly expressed genes and functions as a transcription corepressor by modulating RNA polymerase II at the elongation stage. Binds non-specifically to dsDNA (PubMed:[24675531](#)). Acts as a tumor-suppressor by repressing a transcriptional program essential for tumor cell growth.

**Cellular Location**

Nucleus. Chromosome Note=Associates with chromatin and mitotic chromosomes

**Tissue Location**

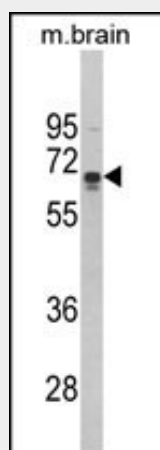
Ubiquitous..

**ZMYND11 Antibody (N-term) - Protocols**

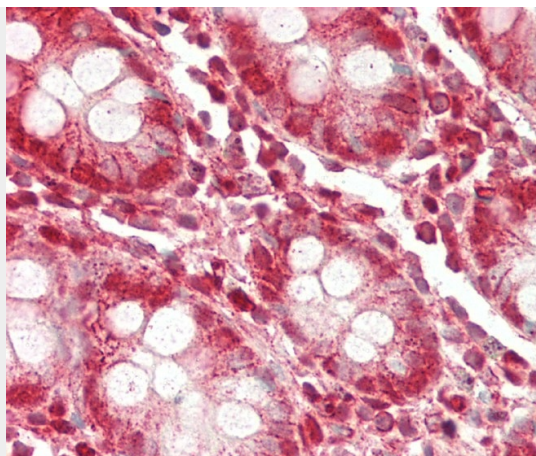
Provided below are standard protocols that you may find useful for product applications.

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

**ZMYND11 Antibody (N-term) - Images**



Western blot analysis of ZMYND11 Antibody (N-term) (Cat. #AP8592a) in mouse brain tissue lysates (35ug/lane). ZMYND11 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded H.colon tissue reacted with ZMYND11 Antibody (N-term) (Cat#AP8592a).

#### **ZMYND11 Antibody (N-term) - Background**

ZMYND11 is first identified by its ability to bind the adenovirus E1A protein. The protein localizes to the nucleus. It functions as a transcriptional repressor, and expression of E1A inhibits this repression.

#### **ZMYND11 Antibody (N-term) - References**

Yu,B., Shao,Y., et.al., Exp. Cell Res. 315 (20), 3543-3553 (2009)  
Kurozumi,K., et.al., Genes Cells 3 (4), 257-264 (1998)