

**BS69 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58720****Specification****BS69 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q15326</a>
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70963

**BS69 Polyclonal Antibody - 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 ([HGNC:16966](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=16966))

**Dilution**

IHC-P ~ N/A  
IHC-F ~ N/A  
IF ~ 1:50 ~ 200  
E ~ N/A

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**BS69 Polyclonal Antibody - 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](http://www.uniprot.org/citations/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

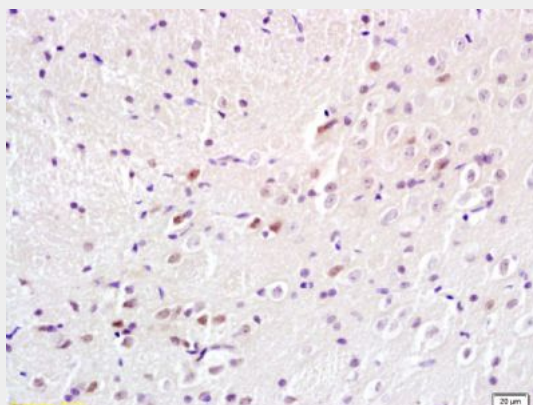
**Tissue Location**

Ubiquitous..

**BS69 Polyclonal Antibody - 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](#)

**BS69 Polyclonal Antibody - Images**

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-BS69/Adenovirus 5 E1A binding protein Polyclonal Antibody, Unconjugated (bs-7697R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining