10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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	Q15326
Reactivity	**Rat, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**71 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human ZMYND11/BS69**
Epitope Specificity	**501-602/602**
Isotype	**IgG**

Purity
affinity purified by Protein A

Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Nucleus. Chromosome. Note=Associates with chromatin and mitotic chromosomes.**
SIMILARITY	**Contains 1 bromo domain. Contains 1 MYND-type zinc finger. Contains 1 PHD-type zinc finger. Contains 1 PWWP domain.**
SUBUNIT	**Interacts (via MYND-type zinc finger) with NCOR1. Interacts (via MYND-type zinc finger) with human adenovirus early E1A protein (via PXLXP motif); this interaction inhibits E1A mediated transactivation. Interacts (via MYND-type zinc finger) with Epstein-Barr virus EBNA2 protein (via PXLXP motif). Interacts (via MYND-type zinc finger) with EZH2. Interacts with E2F6.**
Post-translational modifications	**Phosphorylated upon DNA damage, probably by ATM or ATR. Ubiquitinated, leading to proteasomal degradation.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
The protein encoded by this gene was 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. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

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)

Target/Specificity
Ubiquitous.

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Storage
Store at -20 ℃ 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 ℃.

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). 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 Cytomety
- Cell Culture

BS69 Polyclonal Antibody - Images

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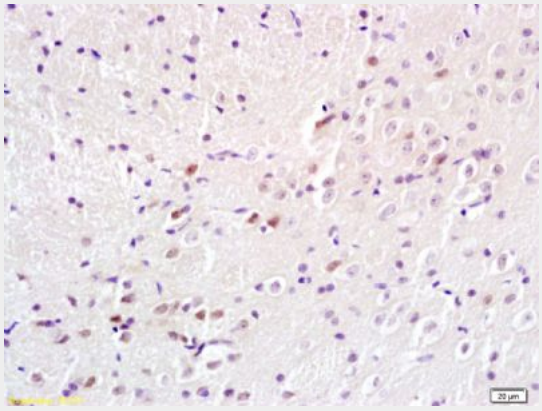

Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-BS69/Adenovirus 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