

ZMYND11 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8592a**Specification**

ZMYND11 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q15326](#)**ZMYND11 Antibody (N-term) Blocking Peptide - 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

The synthetic peptide sequence used to generate the antibody [AP8592a](/products/AP8592a) was selected from the N-term region of human ZMYND11. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ZMYND11 Antibody (N-term) Blocking Peptide - 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: <http://www.uniprot.org/citations/24675531> target="_blank">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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

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