

ZMYND10 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12098c**Specification**

ZMYND10 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [O75800](#)**ZMYND10 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 51364**Other Names**

Zinc finger MYND domain-containing protein 10, Protein BLu, ZMYND10, BLU

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.

ZMYND10 Antibody (Center) Blocking peptide - Protein Information**Name** ZMYND10 ([HGNC:19412](#))**Function**

Plays a role in axonemal structure organization and motility (PubMed:23891469, PubMed:23891471). Involved in axonemal pre-assembly of inner and outer dynein arms (IDA and ODA, respectively) for proper axoneme building for cilia motility (By similarity). May act by indirectly regulating transcription of dynein proteins (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q6AXZ5}. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite {ECO:0000250|UniProtKB:Q6AXZ5}. Apical cell membrane {ECO:0000250|UniProtKB:Q99ML0}. Dynein axonemal particle {ECO:0000250|UniProtKB:Q5FWU8}

ZMYND10 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ZMYND10 Antibody (Center) Blocking peptide - Images

ZMYND10 Antibody (Center) Blocking peptide - Background

BLU is a candidate tumor suppressor gene, that spans 4.5 kb on 3p21.3. It encodes a 50 kd protein, which is commonly found in transcription repressors. It is suspected that BLU has a function in cell cycle progression. BLU is a stress-responsive gene regulated by E2F.12 It is commonly found to be downregulated in non-small cell lung cancer, esophagus squamous cell carcinoma and nasopharyngeal carcinoma (NPC).

ZMYND10 Antibody (Center) Blocking peptide - References

Shao, Y., et al. Cancer Invest. 28(6):642-648(2010)Lorente, A., et al. Brain Pathol. 19(2):279-292(2009)Muzny, D.M., et al. Nature 440(7088):1194-1198(2006)Marsit, C.J., et al. Int. J. Cancer 114(2):219-223(2005)Qiu, G.H., et al. Oncogene 23(27):4793-4806(2004)