

OLA1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16503a**Specification**

OLA1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9NTK5](#)**OLA1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 29789**Other Names**

Obg-like ATPase 1 {ECO:0000255|HAMAP-Rule:MF_03167}, DNA damage-regulated overexpressed in cancer 45, DOC45, GTP-binding protein 9, OLA1 {ECO:0000255|HAMAP-Rule:MF_03167}, GTPBP9

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.

OLA1 Antibody (N-term) Blocking Peptide - Protein Information**Name** OLA1 {ECO:0000255|HAMAP-Rule:MF_03167}**Synonyms** GTPBP9**Function**

Hydrolyzes ATP, and can also hydrolyze GTP with lower efficiency. Has lower affinity for GTP.

Cellular Location

Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03167, ECO:0000269|PubMed:20053727}. Nucleus {ECO:0000255|HAMAP-Rule:MF_03167, ECO:0000269|PubMed:20053727}. Nucleus, nucleolus {ECO:0000255|HAMAP-Rule:MF_03167, ECO:0000269|PubMed:20053727}. Note=Predominantly cytoplasmic, shuttles between the nucleus and the cytoplasm {ECO:0000255|HAMAP-Rule:MF_03167}

Tissue Location

Expressed in all tissues tested but its expression is more abundant in testis, liver, lung, and brain. Overexpressed in several malignancies, including cancers of the colon, rectum, ovary, lung, stomach, and uterus

OLA1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

OLA1 Antibody (N-term) Blocking Peptide - Images**OLA1 Antibody (N-term) Blocking Peptide - Background**

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OLA1 Antibody (N-term) Blocking Peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Sun, H., et al. Mol. Cancer Res. 8(1):57-66(2010)Zhang, J.W., et al. J Zhejiang Univ Sci B 10(11):796-804(2009)Zhang, J., et al. Proc. Natl. Acad. Sci. U.S.A. 106(36):15356-15361(2009)Kira, Y., et al. Cell. Mol. Biol. Lett. 13(4):570-584(2008)