

OLA1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16503a**Specification****OLA1 Antibody (N-term) Blocking Peptide -
Product Information**Primary 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**OLA1 Antibody (N-term) Blocking Peptide
- Background**Hydrolyzes ATP, and can also hydrolyze GTP
with lower efficiency. Has lower affinity for
GTP.**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)

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](#)