

GTPBP9 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11718**Specification**

GTPBP9 antibody - N-terminal region - Product Information

Application	WB, IHC
Primary Accession	O9NTK5
Other Accession	NM_013341 , NP_037473
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted Host	Mouse, Rat, Zebrafish
Clonality	Rabbit
Calculated MW	Polyclonal 44kDa KDa

GTPBP9 antibody - N-terminal region - Additional Information**Gene ID** 29789**Alias Symbol** DOC45, GBP45, GTBP9, GTPBP9, PTD004**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

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-GTPBP9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

GTPBP9 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GTPBP9 antibody - N-terminal region - 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

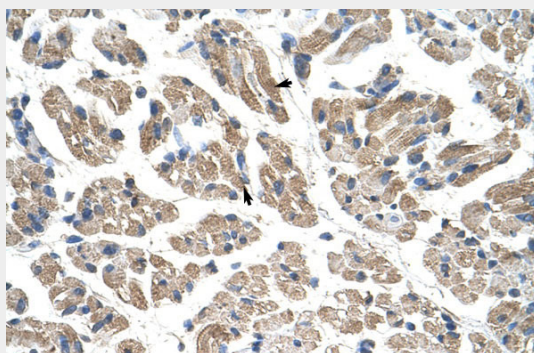
Expressed in all tissues tested but its expression is more abundant in testis, liver, lung, and brain.
Overexpressed in several malignancies, including cancers of the colon, rectum, ovary, lung,
stomach, and uterus

GTPBP9 antibody - N-terminal region - Protocols

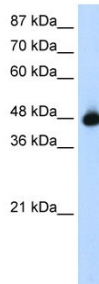
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GTPBP9 antibody - N-terminal region - Images



Rabbit Anti-GTPBP9 Antibody
Paraffin Embedded Tissue: Human Muscle
Cellular Data: Skeletal muscle cells
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



WB Suggested Anti-GTPBP9 Antibody Titration: 1.25µg/ml

Positive Control: HepG2 cell lysate

OLA1 is supported by BioGPS gene expression data to be expressed in HepG2

GTPBP9 antibody - N-terminal region - References

Wiemann,S., (2001) Genome Res. 11 (3), 422-435
Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.