10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GTPBP9 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11718

Product Information

Application	WB, IHC
Primary Accession	Q9NTK5
Other Accession	NM_013341, NP_037473
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Mouse, Rat, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44744

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.

Protein Information

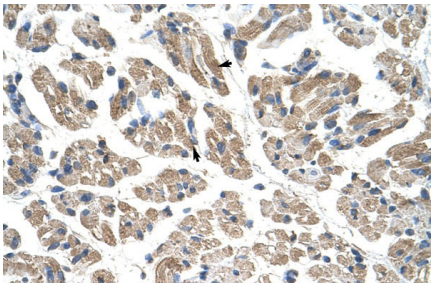
Name	OLA1 {ECO:0000255|HAMAP-Rule:MF_03167}
Synonyms	GTPBP9
Function	Hydrolyzes ATP, and can also hydrolyze GTP with lower efficiency. Has lower affinity for GTP.
Cellular Location	Cytoplasm {ECO:0000255|HAMAP-Rule:MF_03167, ECO:0000269|PubMed:20053727}. Nucleus {ECO:0000255|HAMAP-Rule:MF_03167, ECO:0000269|PubMed:20053727}. 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

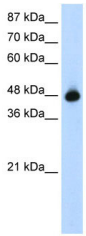
References

Wiemann,S., (2001) Genome Res. 11 (3), 422-435Reconstitution 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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.