

Rabbit OLA1 Polyclonal Antibody | anti-OLA1 antibody

OLA1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287907	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	ELISA, Western Blot

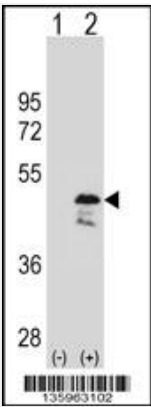
PRODUCT SYNONYMS

OLA1; Polyclonal Antibody; OLA1 Antibody (N-term); 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; anti-OLA1 antibody

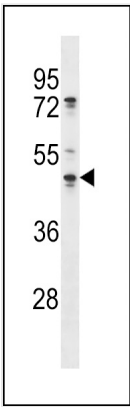
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OLA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 43-71 amino acids from the N-terminal region of human OLA1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	43-71
Sequence Length	278
Applicable Applications for anti-OLA1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of OLA1 (arrow) using rabbit polyclonal OLA1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the OLA1 gene.



WB (Western Blot)
OLA1 Antibody (N-term) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the OLA1 antibody detected the OLA1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-OLA1 antibody	Hydrolyzes ATP, and can also hydrolyze GTP with lower efficiency. Has lower affinity for GTP.
Product Categories/Family for anti-OLA1 antibody	Cell Biology; Signal transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	58761502
NCBI GeneID	29789
NCBI Accession #	NP_001011708.1; NP_037473.3
NCBI GenBank Nucleotide #	NM_001011708.1
UniProt Accession #	Q9NTK5; Q5BJD7; Q8NCI8; Q96CU1; Q96SV2; Q9P1D3; Q9UNY9; Q9Y6G4; D7EHM2
Molecular Weight	44744
NCBI Official Full Name	obg-like ATPase 1 isoform 2
NCBI Official Synonym Full Names	Obg-like ATPase 1
NCBI Official Symbol	OLA1
NCBI Official Synonym Symbols	DOC45; GBP45; GTBP9; GTPBP9; PTD004
NCBI Protein Information	obg-like ATPase 1
UniProt Protein Name	Obg-like ATPase 1
UniProt Gene Name	OLA1
UniProt Synonym Gene Names	DOC45
UniProt Entry Name	OLA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ola1-antibody-western-blot-elisa/287907>