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ATLA2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9367c

Specification

ATLA2 Antibody (Center) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q8NHH9
Other Accession	Q6PA06, Q95LN3
Reactivity	**Human**
Predicted	**Monkey, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**297-326**

ATLA2 Antibody (Center) - Additional Information

Gene ID 64225

Other Names
Atlastin-2, 365-, ADP-ribosylation factor-like protein 6-interacting protein 2, ARL-6-interacting protein 2, Aip-2, ATL2, ARL6IP2

Target/Specificity
This ATLA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 297-326 amino acids from the Central region of human ATLA2.

Dilution
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

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.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
ATLA2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ATLA2 Antibody (Center) - Protein Information

Name ATL2

Synonyms ARL6IP2

Function GTPase tethering membranes through formation of trans- homooligomers and mediating homotypic fusion of endoplasmic reticulum membranes. Functions in endoplasmic reticulum tubular network biogenesis (PubMed:18270207, PubMed:19665976, PubMed:27619977).

Cellular Location
Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Localizes at endoplasmic reticulum (ER) three-way tubular junctions (PubMed:27619977).

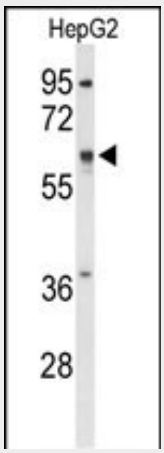
Tissue Location
Expressed in peripheral tissues (at protein level).

ATLA2 Antibody (Center) - Protocols

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

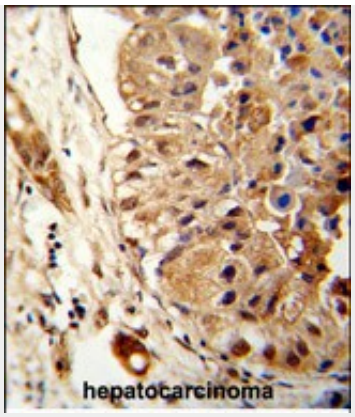
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ATLA2 Antibody (Center) - Images

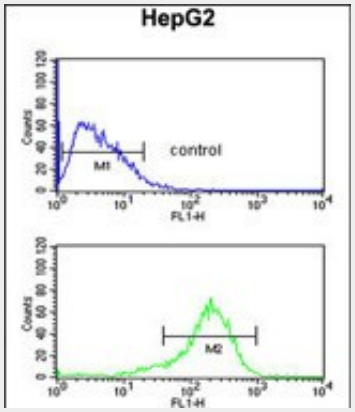


Western blot analysis of ATLA2 Antibody (Center) (Cat. #AP9367c) in HepG2 cell line lysates (35ug/lane). ATLA2 (arrow) was detected using the purified Pab.

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Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with ATLA2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



ATLA2 Antibody (Center) (Cat. #AP9367c) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ATLA2 Antibody (Center) - Background

ATLA2 is GTPase tethering membranes through formation of trans-homooligomer and mediating homotypic fusion of endoplasmic reticulum membranes. This protein play a role in endoplasmic reticulum tubular network biogenesis.

ATLA2 Antibody (Center) - References

Hu,J. Cell 138 (3), 549-561 (2009)
Rismanchi,N. Hum. Mol. Genet. 17 (11), 1591-1604 (2008)
Abel,A. Neurogenetics 5 (4), 239-243 (2004)