

AIG1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9898A

Specification

AIG1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NVV5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	53-81

AIG1 Antibody (N-term) - Additional Information

Gene ID 51390

Other Names

Androgen-induced gene 1 protein, AIG-1, AIG1

Target/Specificity

This AIG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-81 amino acids from the N-terminal region of human AIG1.

Dilution

WB~~1:500-1:1000

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

AIG1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

AIG1 Antibody (N-term) - Protein Information

Name AIG1

Function Hydrolyzes bioactive fatty-acid esters of hydroxy-fatty acids (FAHFAs), but not other major classes of lipids (PubMed:[27018888](#)). Show a preference for FAHFAs with branching distal from the carboxylate head group of the lipids (PubMed:[27018888](#)).

Cellular Location

Cell membrane; Multi-pass membrane protein

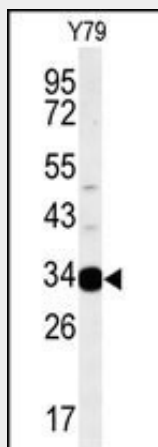
Tissue Location

Highly expressed in heart, ovary, testis, liver, and kidney, at lower levels in spleen, prostate, brain, skeletal muscle, pancreas, small intestine and colon, and undetected in peripheral blood leukocytes, thymus, lung and placenta. AIG1 expression is higher in hair follicles from males than from females

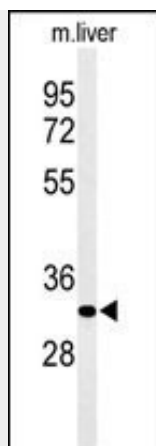
AIG1 Antibody (N-term) - Protocols

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

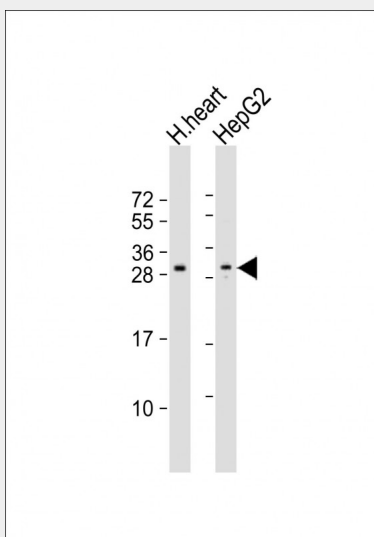
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AIG1 Antibody (N-term) - Images

Western blot analysis of AIG1 Antibody (N-term) (Cat. #AP9898a) in Y79 cell line lysates (35ug/lane). AIG1 (arrow) was detected using the purified Pab.



Western blot analysis of AIG1 Antibody (N-term) (Cat. #AP9898a) in mouse liver tissue lysates (35ug/lane). AIG1 (arrow) was detected using the purified Pab.



All lanes : Anti-AIG1 Antibody (N-term) at 1:500-1:1000 dilution Lane 1: human heart lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

AIG1 Antibody (N-term) - References

Mungall, A.J., et al. Nature 425(6960):805-811(2003)
Seo, J., et al. Mol. Cells 11(1):35-40(2001)