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AIG1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9898A

Product Information

Application	WB, E
Primary Accession	Q9NVV5
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24854
Calculated MW	27458
Antigen Region	53-81

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~~1:1000 E~~Use at an assay dependent concentration.
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.

Protein Information

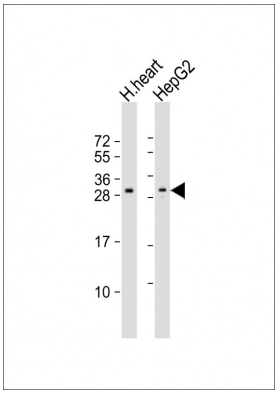
Name	AIG1
Function	Hydrolyzes bioactive fatty-acid esters of hydroxy-fatty acids (FAHFAs), but not other major classes of lipids (PubMed:27018888). Show a preference for FAHFAs with branching distal from the carboxylate head group of the lipids (PubMed:27018888).

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

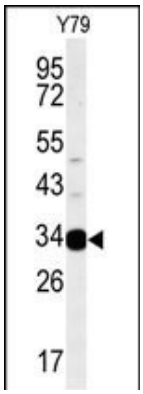
References

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

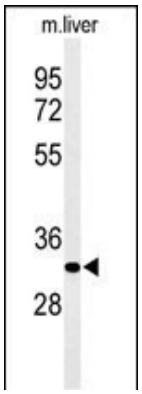
Images



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.



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.

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