

AIG1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15611**Specification**

AIG1 Antibody (N-Terminus) - Product Information

Application	IF, WB
Primary Accession	O9NVV5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28kDa KDa

AIG1 Antibody (N-Terminus) - Additional Information**Gene ID** 51390**Other Names**

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

Target/Specificity

Human AIG1.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

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

AIG1 Antibody (N-Terminus) - Protein Information**Name** AIG1**Function**

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

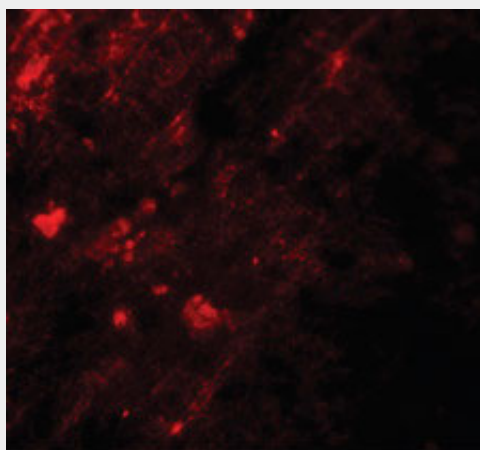
from females

AIG1 Antibody (N-Terminus) - Protocols

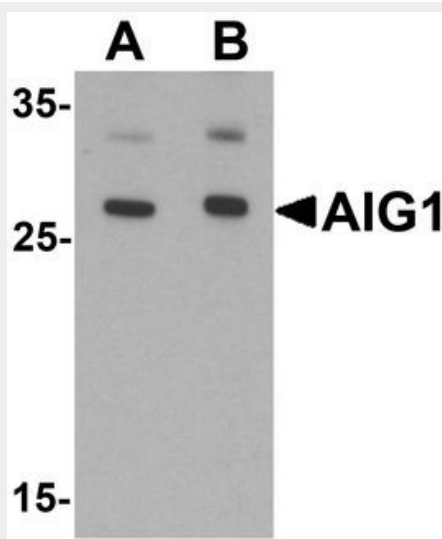
Provided below are standard protocols that you may find useful for product applications.

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

AIG1 Antibody (N-Terminus) - Images



Immunofluorescence of AIG1 in human brain tissue with AIG1 antibody at 20 ug/ml.



Western blot analysis of AIG1 in human brain tissue lysate with AIG1 antibody at (A) 1 and (B) 2...

AIG1 Antibody (N-Terminus) - Background

May play a role in androgen-regulated growth of hair follicles.

AIG1 Antibody (N-Terminus) - References

Seo J.,et al.Mol. Cells 11:35-40(2001).
Lai C.-H.,et al.Genome Res. 10:703-713(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Mungall A.J.,et al.Nature 425:805-811(2003).