

AOAH Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17325c**Specification**

AOAH Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P28039
Other Accession	NP_001628.1 , NP_001170977.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	65105
Antigen Region	168-197

AOAH Antibody (Center) - Additional Information**Gene ID** 313**Other Names**

Acyloxyacyl hydrolase, Acyloxyacyl hydrolase small subunit, Acyloxyacyl hydrolase large subunit, AOAH

Target/Specificity

This AOAH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 168-197 amino acids from the Central region of human AOAH.

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

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

AOAH Antibody (Center) - Protein Information**Name** AOAH {ECO:0000303|PubMed:1883828}

Function Removes the secondary (acyloxyacyl-linked) fatty acyl chains from the lipid A region of bacterial lipopolysaccharides (PubMed:[1883828](#), PubMed:[29343645](#), PubMed:[8089145](#)). By breaking down LPS, terminates the host response to bacterial infection and prevents prolonged and damaging inflammatory responses (By similarity). In peritoneal macrophages, seems to be important for recovery from a state of immune tolerance following infection by Gram-negative bacteria (By similarity).

Cellular Location

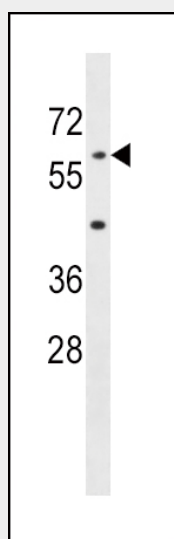
Secreted. Cytoplasmic vesicle. Note=Detected in urine {ECO:0000250|UniProtKB:O35298}

AOAH Antibody (Center) - Protocols

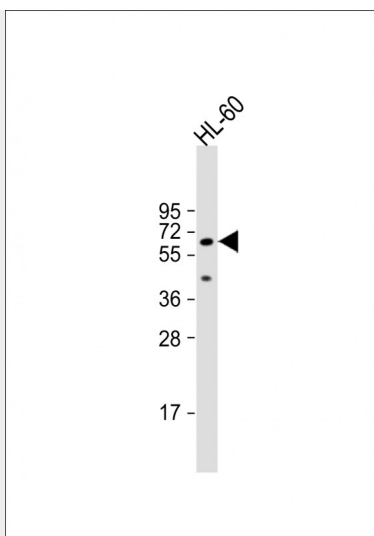
Provided below are standard protocols that you may find useful for product applications.

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

AOAH Antibody (Center) - Images



AOAH Antibody (Center) (Cat. #AP17325c) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the AOAH antibody detected the AOAH protein (arrow).



Anti-AOAH Antibody (Center) at 1:1000 dilution + HL-60 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 : 65 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

AOAH Antibody (Center) - Background

This locus encodes both the light and heavy subunits of acyloxyacyl hydrolase. The encoded enzyme catalyzes the hydrolysis of acyloxylacyl-linked fatty acyl chains from bacterial lipopolysaccharides, effectively detoxifying these molecules. The encoded protein may play a role in modulating host inflammatory response to gram-negative bacteria. Alternatively spliced transcript variants have been described.

AOAH Antibody (Center) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Pelak, K., et al. J. Infect. Dis. 201(8):1141-1149(2010)
Barnes, K.C., et al. J. Allergy Clin. Immunol. 118(1):70-77(2006)
Coulthard, M.G., et al. Infect. Immun. 64(5):1510-1515(1996)
Staab, J.F., et al. J. Biol. Chem. 269(38):23736-23742(1994)