

Mouse ABCA1 Monoclonal Antibody | anti-ABCA1 antibody

Anti-ABCA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60796	Mouse	human, mouse, other	Immunohistochemistry, Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

ABCA1; Monoclonal Antibody; Anti-ABCA1 Antibody; anti-ABCA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	human, mouse, other
Clonality	Monoclonal
Isotype	IgG
Clone Number	AB.H10
Specificity	Recognize specifically ABCA1 from human, mouse, and chicken.
Form/Format	Liquid; PBS, pH 7.4 with 0.05% sodium azide.
Concentration	100ug/100ul (varies by lot)
Sequence Length	2261
Applicable Applications for anti-ABCA1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antibody Type	primary antibody
Immunogen	Peptides amino acids 1800-2260 (C-Terminal end)
Preparation and Storage	This product is stable for several weeks at 4 degree C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20 degree C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of receipt.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ABCA1 antibody	Mutations in the ABCA1 gene (ATP-binding cassette transporter 1) are associated with Tangier disease (TD). TD is an autosomal recessive disorder results from an absence of plasma HDL, cholesterol ester depositing in the reticulo-endothelial system and disorders in cellular lipid trafficking. It is expressed on the plasma membrane and the Golgi complex, and is regulated by cholesterol flux. Regulation of the cholesterol flux between HDL and macrophages is competitive between ABCA1 and SR-BI.
References	Umeda, T et al. "Regulation of cholesterol efflux by amyloid beta secretion." J. Neurosci. Res. 88:1985-94 (2010). PubMed: 20155813.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536376
NCBI GeneID	19
NCBI Accession #	NP_005493.2
NCBI GenBank Nucleotide #	NM_005502.3
NCBI Official Full Name	ATP-binding cassette sub-family A member 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family A (ABC1), member 1
NCBI Official Symbol	ABCA1
NCBI Official Synonym Symbols	TGD; ABC1; CERP; ABC-1; HDLDT1
NCBI Protein Information	ATP-binding cassette sub-family A member 1; ATP-binding cassette transporter A1; cholesterol efflux regulatory protein; membrane-bound
UniProt Protein Name	ATP-binding cassette sub-family A member 1
UniProt Gene Name	ABCA1
UniProt Entry Name	ABCA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/abca1-antibody-clone-ab-h10-immunohistochemistry-immunoprecipitation-western-blot-elisa/60796>