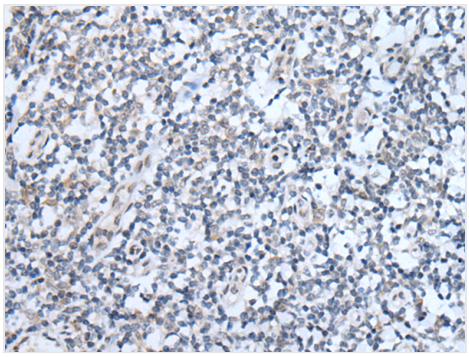
ABCA6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ABCA6, Polyclonal Antibody
Full Product Name	ABCA6 Polyclonal Antibody
Product Gene Name	anti-ABCA6 antibody
Product Synonym Names	ABC transporter ABCA6; ABCA 6; ABCA6; ABCA6; ATP binding cassette A6; ATP binding cassette sub family A (ABC1) member 6; ATP binding cassette sub family A member 6; ATP-binding cassette sub-family A member 6; EST155051; FLJ43498
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	0.5mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
OMIM	612504
3D Structure	ModBase 3D Structure for Q8N139
Immunogen	Synthetic peptide of human ABCA6
Conjugation	Unconjugated
Product Categories/Family for anti-ABCA6 antibody	Cardiovascular; Metabolism; Signal transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ABCA6 antibody	Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-ABCA6 antibody	IHC: 1:10-1:50 ELISA: 1:5000-1:10000
Related Product Information for anti-ABCA6 antibody	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). This encoded protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. This gene is clustered among 4 other ABC1 family members on 17q24 and may play a role in macrophage lipid homeostasis.ABCA6 (ATP Binding Cassette Subfamily A Member 6) is a Protein Coding gene. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds and CDK-mediated phosphorylation and removal of Cdc6. GO annotations related to this gene include ATPase activity and ATPase activity, coupled to transmembrane movement of substances. An important paralog of this gene is ABCA8.
Other Notes	Small volumes of anti-ABCA6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for ABCA6 purchase	MBS2563413 is an antibody targeting ABCA6. Also known as ABCA6 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-ABCA6 antibody
Immunohistochemistry of paraffin-embedded Human tonsil tissue using ABCA6 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ABCA6. It may not necessarily be applicable to this product.

NCBI GI #	27436953
NCBI GeneID	23460
NCBI Accession #	NP_525023.2
UniProt Primary Accession #	Q8N139
UniProt Related Accession #	Q8N139
GenBank Nucleotide #	NP_525023.2
NCBI Official Full Name	ATP-binding cassette sub-family A member 6
NCBI Official Synonym Full Names	ATP binding cassette subfamily A member 6
NCBI Official Symbol	ABCA6
NCBI Official Synonym Symbols	EST155051
UniProt Protein Name	ATP-binding cassette sub-family A member 6
Protein Family	ABC transporter A family
UniProt Gene Name	ABCA6
UniProt Entry Name	ABCA6_HUMAN
NCBI Protein Information	ATP-binding cassette sub-family A member 6
NCBI Summary for ABCA6	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). This encoded protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. This gene is clustered among 4 other ABC1 family members on 17q24 and may play a role in macrophage lipid homeostasis. [provided by RefSeq, Jul 2008]

UniProt Comments for ABCA6	ABCA6: Probable transporter which may play a role in macrophage lipid homeostasis. Belongs to the ABC transporter superfamily. ABCA family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Transporter, ABC family; Membrane protein, integral; Membrane protein, multi-pass; Transporter Chromosomal Location of Human Ortholog: 17q24.3 Cellular Component: integral to membrane Molecular Function: transporter activity; ATPase activity; ATP binding Biological Process: metabolic process; transport
Research Articles on ABCA6	**1.** A rare missense variant in ABCA6 (rs77542162, p.Cys1359Arg, frequency 0.034), found in a Dutch population, is predicted to be deleterious with respect to blood cholesterol levels.
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