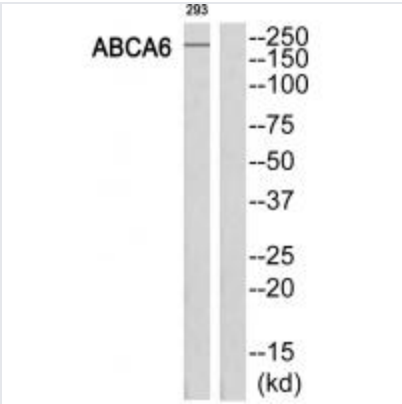
ABCA6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ABCA6, Polyclonal Antibody
Full Product Name	ABCA6 Antibody
Product Gene Name	anti-ABCA6 antibody
Product Synonym Names	ABC transporter ABCA6; ABCA6; ATP-binding cassette A6; ATP-binding cassette sub-family A member 6; ATP-binding cassette
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1.0 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total ABCA6 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	21,356 Da
OMIM	612504
3D Structure	ModBase 3D Structure for Q8N139
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from C-terminal of human ABCA6.
Target Name	ABCA6
Product Categories/Family for anti-ABCA6 antibody	Total protein Ab
Applications Tested/Suitable for anti-ABCA6 antibody	Western Blot (WB)
Application Notes for anti-ABCA6 antibody	Western blotting: 1:500~1:3000
Related Product Information for anti-ABCA6 antibody	Probable transporter which may play a role in macrophage lipid homeostasis.Kaminski W.E., Biochem. Biophys. Res. Commun. 285:1295-1301(2001).Arnould I., GeneScreen 1:157-164(2001).Ota T., Nat. Genet. 36:40-45(2004).
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	MBS9404909 is an antibody targeting ABCA6. Also known as ABCA6 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ABCA6 antibody
Western blot analysis of extracts from 293 cells, using ABCA6 antibody.

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 Secondary Accession #	Q6NSH9; Q8N856; Q8WWZ6
UniProt Related Accession #	Q8N139
GenBank Nucleotide #	NM_080284.2
NCBI Official Full Name	ATP-binding cassette sub-family A member 6
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family A (ABC1), 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, multi-pass; Transporter; Membrane protein, integral Chromosomal Location of Human Ortholog: 17q24.3 Cellular Component: integral to membrane Molecular Function: transporter activity; ATPase activity; ATP binding Biological Process: transport; metabolic process
Research Articles on ABCA6	**1.** Results suggest a possible role for multidrug resistance genes ABCA10 and ABCA6 in follicular lymphoma survival and add to the evidence that genetic variation in CD46 and IL8 may have prognostic implications follicular lymphoma.
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