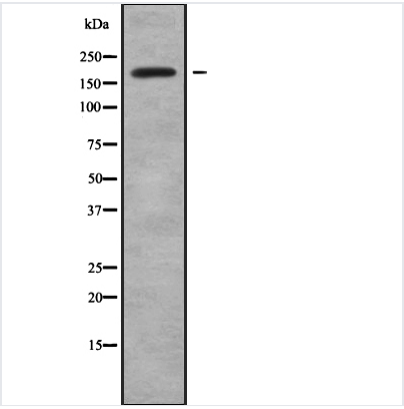
ABCA9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ABCA9, Polyclonal Antibody
Full Product Name	ABCA9 Antibody
Product Gene Name	anti-ABCA9 antibody
Product Synonym Names	ABCA9; ABCA9_HUMAN; ATP binding cassette A9; ATP binding cassette sub family A (ABC1) member 9; ATP binding cassette sub family A member 9; ATP-binding cassette sub-family A member 9; DKFZp686F2450; EST640918; MGC75415
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Concentration	1mg/ml (lot specific)
Specificity	ABCA9 antibody detects endogenous levels of total ABCA9
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.
Antibody/Peptide Pairs	ABCA9 peptide (MBS9628269) is used for blocking the activity of ABCA9 antibody (MBS9609565)
Molecular Weight	Observed: 184 kDa Predicted: 185 kDa
3D Structure	ModBase 3D Structure for Q8IUA7
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Immunogen	A synthesized peptide derived from human ABCA9
Subcellular Location	Membrane.
Tissue Specificity	Widely expressed with higher expression in heart.
Predicted Cross Reactivity	**Pig, Bovine, Horse**
Similarity	Pig (100%), Bovine (90%), Horse (80%)
Conjugation	Unconjugated
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ABCA9 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ABCA9 antibody	WB: 1:1000-3000
Related Product Information for anti-ABCA9 antibody	Function: May play a role in monocyte differentiation and lipid homeostasis. Similarity: Belongs to the ABC transporter superfamily. ABCA family.

Other Notes	Small volumes of anti-ABCA9 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 ABCA9 purchase	MBS9609565 is an antibody targeting ABCA9. Also known as ABCA9 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ABCA9 antibody
Western blot analysis of ABCA9 using Jurkat whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ABCA9. It may not necessarily be applicable to this product.

NCBI GI #	27477115
NCBI GeneID	10350
NCBI Accession #	NP_525022.2
UniProt Primary Accession #	Q8IUA7
UniProt Secondary Accession #	Q6P655; Q8N2S4; Q8WWZ5; Q96MD8
UniProt Related Accession #	Q8IUA7
GenBank Nucleotide #	NM_080283.3
NCBI Official Full Name	ATP-binding cassette sub-family A member 9
NCBI Official Synonym Full Names	ATP binding cassette subfamily A member 9
NCBI Official Symbol	ABCA9
NCBI Official Synonym Symbols	EST640918
UniProt Protein Name	ATP-binding cassette sub-family A member 9
Protein Family	ABC transporter A family
UniProt Gene Name	ABCA9
NCBI Protein Information	ATP-binding cassette sub-family A member 9
NCBI Summary for ABCA9	This gene is a member of the superfamily of ATP-binding cassette (ABC) transporters and the encoded protein contains two transmembrane domains and two nucleotide binding folds. 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 gene is a member of the ABC1 subfamily and is clustered with four other ABC1 family members on chromosome 17q24. Transcriptional expression of this gene is induced during monocyte differentiation into macrophages and is suppressed by cholesterol import. [provided by RefSeq, Jul 2008]
UniProt Comments for ABCA9	May play a role in monocyte differentiation and lipid homeostasis.
Research Articles on ABCA9	**1.** Observational study of gene-disease association. (HuGE Navigator)

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