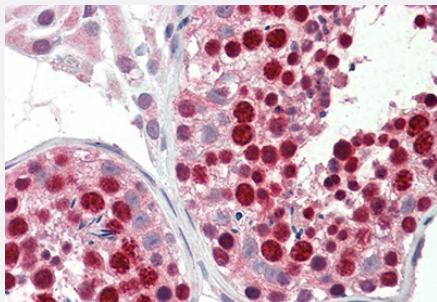


ABCA9 polyclonal antibody

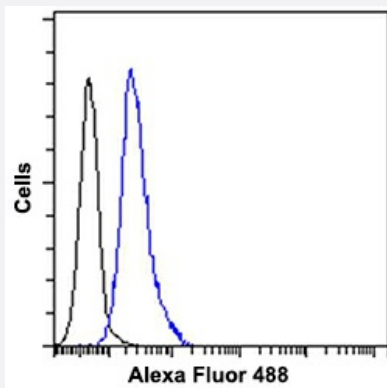
Catalog # PAB11478 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

ABCA9 polyclonal antibody (Cat # PAB11478) (5 ug/mL) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry

ABCA9 polyclonal antibody (Cat # PAB11478) Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of ABCA9.
Immunogen	A synthetic peptide corresponding to human ABCA9.
Sequence	C-QRVVQELEMENIQD
Host	Goat
Theoretical MW (kDa)	184
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) Flow Cytometry (10 ug/mL) Immunohistochemistry (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

ABCA9 polyclonal antibody (Cat # PAB11478) (5 ug/mL) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

ABCA9 polyclonal antibody (Cat # PAB11478) Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Gene Info — ABCA9

Entrez GeneID	10350
Protein Accession#	NP_525022.2
Gene Name	ABCA9
Gene Alias	DKFZp686F2450, EST640918, MGC75415
Gene Description	ATP-binding cassette, sub-family A (ABC1), member 9

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

ATP-binding cassette A9|ATP-binding cassette, sub-family A, member 9

Publication Reference

- [Molecular structure of a novel cholesterol-responsive A subclass ABC transporter, ABCA9.](#)

Piehler A, Kaminski WE, Wenzel JJ, Langmann T, Schmitz G.

Biochemical and Biophysical Research Communications 2002 Jul; 295(2):408.

Pathway

- [ABC transporters](#)