

Rabbit anti-Human ABCA4 Polyclonal Antibody | anti-ABCA4 antibody

ABCA4 Antibody

CATALOG # AAA303625	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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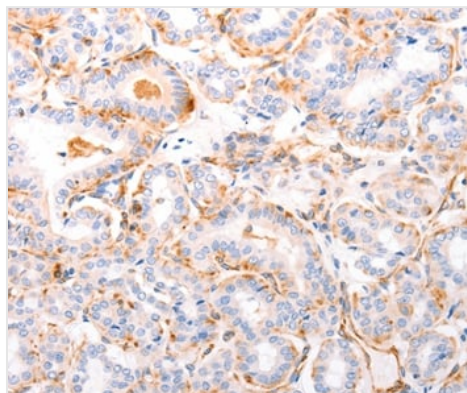
PRODUCT SYNONYMS

ABCA4; Polyclonal Antibody; ABCA4 Antibody; FFM; RMP; ABCR; RP19; STGD; ABC10; ARMD2; CORD3; STGD1; anti-ABCA4 antibody

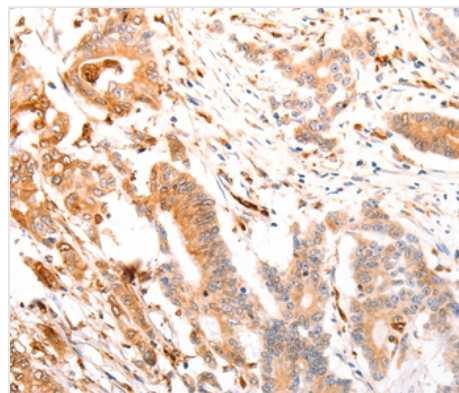
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ABCA4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	2273
Applicable Applications for anti-ABCA4 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human ATP-binding cassette, sub-family A (ABC1), member 4
Target Name	ABCA4
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/25.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/25.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCA4 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, White). This 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 protein is a retina-specific ABC transporter with N-retinylidene-PE as a substrate. It is expressed exclusively in retina photoreceptor cells, indicating the gene product mediates transport of an essential molecule across the photoreceptor cell membrane. Mutations in this gene are found in patients identified with Stargardt disease, a form of juvenile-onset macular degeneration. Mutations in this gene are also associated with retinitis pigmentosa-19, cone-rod dystrophy type 3, early-onset severe retinal dystrophy, fundus flavimaculatus, and macular degeneration age-related 2.
Product Categories/Family for anti-ABCA4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	105990541
NCBI GeneID	24
NCBI Accession #	NP_000341.2
NCBI GenBank Nucleotide #	NM_000350.2
UniProt Accession #	P78363; O15112; O60438; O60915; Q0QD48; Q4LE31
NCBI Official Full Name	retinal-specific ATP-binding cassette transporter
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family A (ABC1), member 4
NCBI Official Symbol	ABCA4
NCBI Official Synonym Symbols	FFM; RMP; ABCR; RP19; STGD; ABC10; ARMD2; CORD3; STGD1
NCBI Protein Information	retinal-specific ATP-binding cassette transporter
UniProt Protein Name	Retinal-specific ATP-binding cassette transporter
UniProt Gene Name	ABCA4
UniProt Synonym Gene Names	ABCR; RIM protein; RmP
UniProt Entry Name	ABCA4_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/polyclonal/abca4-antibody-immunohistochemistry-elisa/303625>