

Rabbit ABCA4 Polyclonal Antibody | anti-ABCA4 antibody

ABCA4 Polyclonal Antibody

CATALOG # AAA167762	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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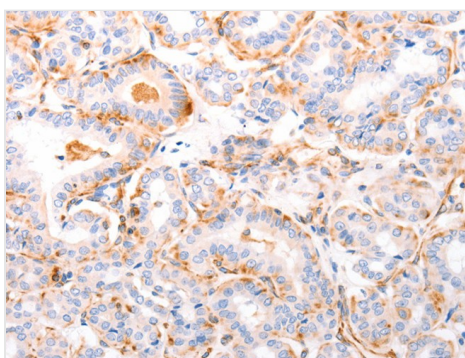
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

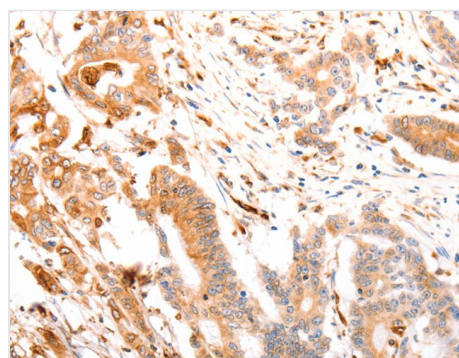
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	2359
Applicable Applications for anti-ABCA4 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human ABCA4
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using ABCA4 Polyclonal Antibody at dilution of 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ABCA4 Polyclonal Antibody at dilution of 1:30

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58332356
NCBI GeneID	496442
NCBI Accession #	NP_001011033.1
NCBI GenBank Nucleotide #	NM_001011033.1
NCBI Official Full Name	ATP-binding cassette, sub-family A (ABC1), member 4
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	ATP-binding cassette, sub-family A (ABC1), member 4; ATP-binding cassette, sub-family A (ABC1), member 4; retinal-specific ATP transporter ABCA4

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/abca4-antibody-immunohistochemistry-elisa/167762>