

Rabbit anti-Human ABCA7 Polyclonal Antibody | anti-ABCA7 antibody

ABCA7 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163025	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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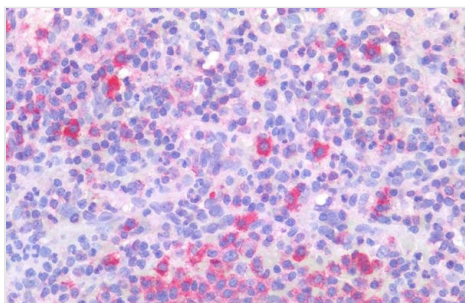
PRODUCT SYNONYMS

ABCA7; Polyclonal Antibody; ABCA7 Rabbit anti-Human Polyclonal Antibody; PathPlus ABCA7 Antibody; ABCA-SSN; Autoantigen SS-N; ABCX; Macrophage ABC transporter; anti-ABCA7 antibody

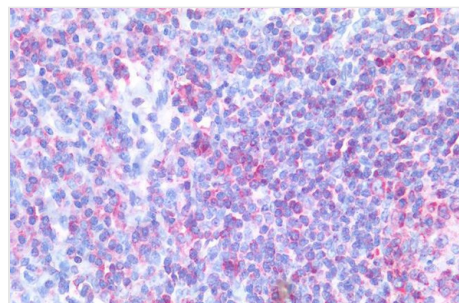
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-ABCA7 antibody	IHC (Immunohistochemistry)
Target	Human ABCA7
Immunogen	LP-11019, synthetic peptide
Conjugation	Unconjugated
Family	Transporter
Subfamily	ATP-binding cassette-ABCA/ABC1
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
ABCA7 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
ABCA7 Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-ABCA7 antibody	ABCA7 antibody is an unconjugated rabbit polyclonal antibody to ABCA7 from human. Validated for IHC. ABCA7 is an ATP-binding cassette transporter that carries various molecules across extra- and intra-cellular membranes. This protein has been detected predominantly in myelo-lymphatic tissues with the highest expression in peripheral leukocytes, thymus, spleen, and bone marrow. ABCA7 is involved in ovarian cancer progression, as it has been found to upregulate the TGF-beta signaling pathway resulting in an accelerated epithelial-to-mesenchymal transition. Knockdown of ABCA7 has been shown to decrease the migration of ovarian cancer cells. In immunohistochemistry of normal tissue, ABCA7 has cytoplasmic and membranous positivity in the brain, bone marrow, lymph nodes, spleen, and thymus, and in leukocytes and immune cells in tissues throughout the body.
References	The UniProt Consortium. Nucleic Acids Res. 47: D506-515 (2019); Nucleic Acids Res. 2016 Jan 4;44(D1):D733-45, PMID:26553804; Oncol Lett. 2018 Nov;16(5):5868-5874, PMID: 30333865

NCBI AND UNIPROT INFORMATION

NCBI GI #	150417984
NCBI GeneID	10347
NCBI Accession #	NP_061985.2
NCBI GenBank Nucleotide #	NM_019112
UniProt Accession #	Q8IZY2; Q96S58; Q9BZC4; Q9NR73; Q9UKP8; Q9NT80
Molecular Weight	234,350 Da
NCBI Official Full Name	ATP-binding cassette sub-family A member 7
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family A (ABC1), member 7
NCBI Official Symbol	ABCA7
NCBI Official Synonym Symbols	ABCX; ABCA-SSN; FLJ40025
NCBI Protein Information	ATP-binding cassette sub-family A member 7; autoantigen SS-N; OTTHUMP00000236146; macrophage ABC transporter
UniProt Protein Name	ATP-binding cassette sub-family A member 7
UniProt Gene Name	ABCA7
UniProt Entry Name	ABCA7_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/abca7-antibody-immunohistochemistry-elisa/163025>