

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

ABCA7 Antibody

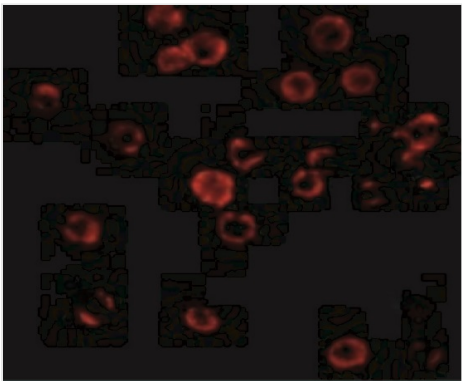
CATALOG # AAA10915	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

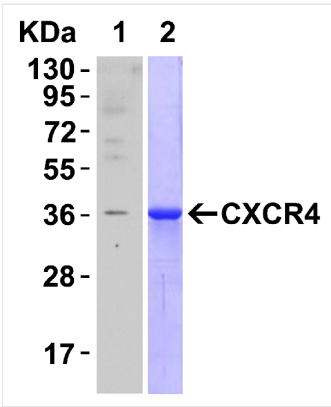
ABCA7; Polyclonal Antibody; ABCA7 Antibody; ABCX; ABCA-SSN; ATP-binding cassette sub-family A member 7; ATP-binding cassette; sub-family A (ABC1); member 7; anti-ABCA7 antibody

PRODUCT SPECIFICATIONS

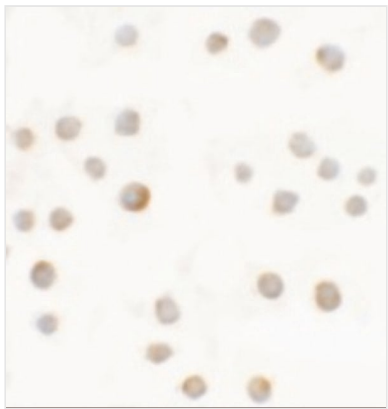
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ABCA7 antibody is human specific. At least two alternatively spliced transcript variants encoding distinct isoforms have been observed.
Purity/Purification	ABCA7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2146
Applicable Applications for anti-ABCA7 antibody	ELISA, WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Application Notes	ABCA7 antibody can be used for detection of ABCA7 by Western blot at 1 - 2 mug/mL. Antibody can also be used for immunocytochemistry starting at 5 mug/mL. For immunofluorescence start at 5 mug/mL.
Conjugate	Unconjugated
Immunogen	ABCA7 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human ABCA7.
Buffer	ABCA7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ABCA7 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



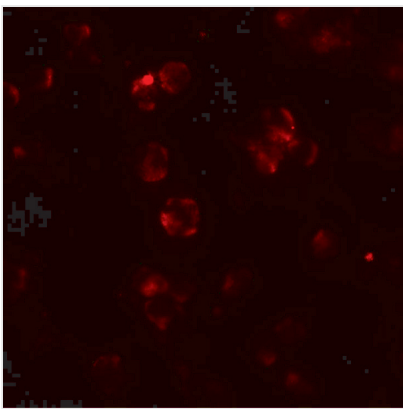
IF (Immunofluorescence)
Immunofluorescence of ABCA7 in human spleen tissue with ABCA7 antibody at 20 μ g/ml. Red: ABCA7 Antibody (6889) Blue: DAPI staining



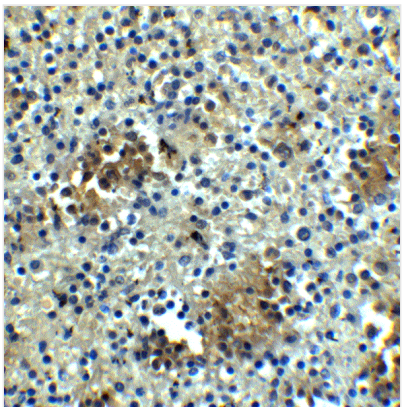
IHC (Immunohistochemistry)
Immunohistochemistry of ABCA7 in human spleen tissue with ABCA7 antibody at 5 μ g/ml.



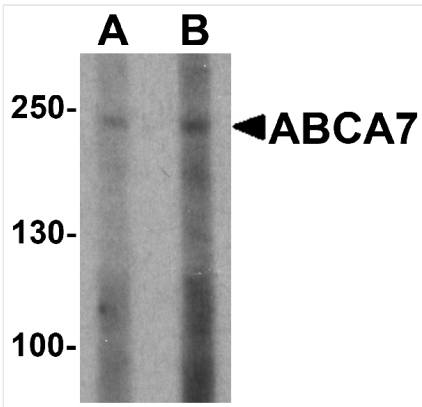
ICC (Immunocytochemistry)
Immunocytochemistry of ABCA7 in 293 cells with ABCA7 antibody at 5 μ g/ml.



IF (Immunofluorescence)
Immunofluorescence of ABCA7 in 293 cells with ABCA7 antibody at 20 μ g/ml.



IHC (Immunohistochemistry)
Immunohistochemistry of ABCA7 in human spleen tissue with ABCA7 antibody at 5 μ g/ml.



WB (Western Blot)
Western blot analysis of ABCA7 in 293 cell lysate with ABCA7 antibody at (A) 1 and (B) 2 μ g/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCA7 antibody

ABCA7 Antibody: ATP-binding cassette (ABC) transporters are an evolutionarily conserved family that use ATP hydrolysis to catalyze the transport of various molecules across cell membranes. They are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). ABCA7, a member of the ABC1 subfamily, is a full-size ABC transporter consisting of two sets of the multiple membrane-spanning domains plus the Walker motifs for the ATP interaction. ABCA7 shows the highest homology to ABCA1, an essential molecule for cholesterol homeostasis. The high expression levels of ABCA7 in peripheral leukocytes, thymus, spleen and bone marrow suggests a role in the immune system lipid homeostasis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	150417984
NCBI GeneID	10347
NCBI Accession #	NP_061985
NCBI GenBank Nucleotide #	NM_019112.3
UniProt Accession #	Q8IZY2; Q96S58; Q9BZC4; Q9NR73; Q9UKP8
Molecular Weight	218,497 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
NCBI Protein Information	ATP-binding cassette sub-family A member 7; autoantigen SS-N; 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://www.aaabiotech.com/polyclonal/abca7-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/10915>