

Rabbit ABCA7 Polyclonal Antibody | anti-ABCA7 antibody

ABCA7 Rabbit pAb

CATALOG # AAA281927	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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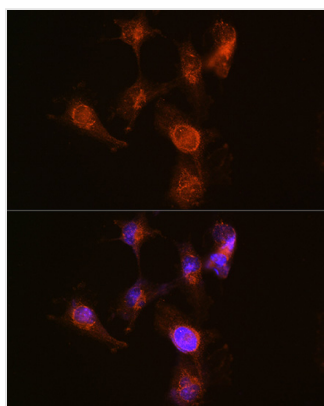
PRODUCT SYNONYMS

ABCA7; Polyclonal Antibody; ABCA7 Rabbit pAb; ABCA-SSN; ABCX; AD9; anti-ABCA7 antibody

PRODUCT SPECIFICATIONS

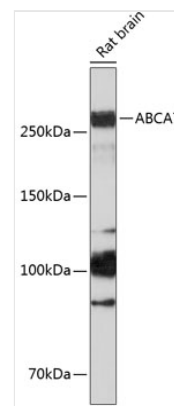
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-ABCA7 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human ABCA7.
Positive Samples	Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U-251 MG cells using ABCA7 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Rat brain, using ABCA7 Polyclonal Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ABCA7 antibody	Background: The 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 intra-cellular 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 full transporter has been detected predominantly in myelo-lymphatic tissues with the highest expression in peripheral leukocytes, thymus, spleen, and bone marrow. The function of this protein is not yet known; however, the expression pattern suggests a role in lipid homeostasis in cells of the immune system.
Product Categories/Family for anti-ABCA7 antibody	Endocrine & Metabolism; Lipid Metabolism; Cholesterol Metabolism; Research; Neuroscience; Neurodegenerative Diseases; Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease; Research; Neuroscience; Neurodegenerative Diseases; Neurodege

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-immunofluorescence-western-blot-elisa/281927>