

Product datasheet for **TA319812**

ABCA7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL, IF: 5 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ABCA7 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human ABCA7.
Formulation:	ABCA7 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	ABCA7 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ATP binding cassette subfamily A member 7
Database Link:	NP_061985 Entrez Gene 10347 Human Q8IZY2
Background:	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.
Synonyms:	ABCA-SSN; ABCX; AD9

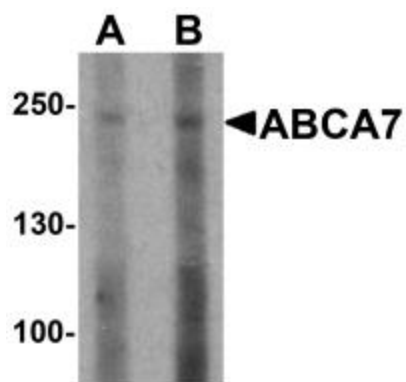


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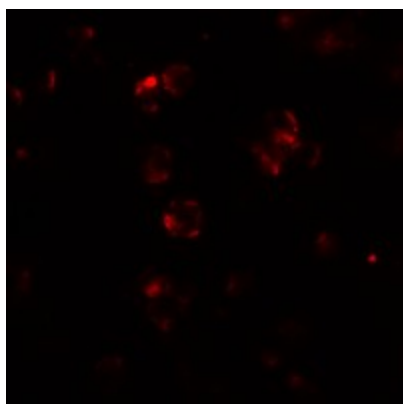
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: ABC transporters

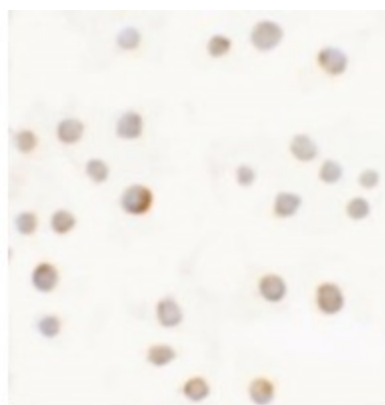
Product images:



Western blot analysis of ABCA7 in 293 cell lysate with ABCA7 antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of ABCA7 in 293 cells with ABCA7 antibody at 20 ug/mL.



Immunocytochemistry of ABCA7 in 293 cells with ABCA7 antibody at 5 ug/mL.