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## anti-ABCA7 antibody (N-Term)

**Images** 



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Quantity:	0.1 mg
Target:	ABCA7
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCA7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

#### **Product Details**

Immunogen:	18 amino acid synthetic peptide near the amino terminus of Human ABCA7
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography purified via peptide column

### Target Details

Target:	ABCA7
Alternative Name:	ABCA7 (ABCA7 Products)
Background: ATP-binding cassette (ABC) transporters are an evolutionarily conserved family	
	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, ATP-binding cassette sub-family A member 7, Autoantigen SS-N, Macrophage ABC transporter

Gene ID:

10347

NCBI Accession:

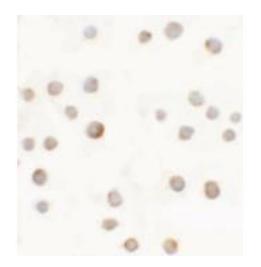
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#### **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

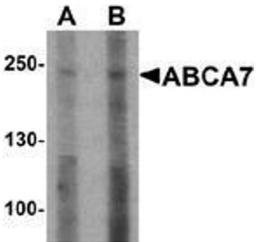
#### Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Immunofluorescence

**Image 1.** Immunocytochemistry of ABCA7 in 293 cells with ABCA7 antibody at 5 ug/mL.



#### **Western Blotting**

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