

## Product Datasheet

### ABCA7 Antibody (orb1239133)

<b>Catalog Number</b>	orb1239133
<b>Category</b>	Antibodies
<b>Description</b>	ABCA7 Antibody
<b>Target</b>	ABCA7
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1 mg/mL
<b>Buffer/Preservatives</b>	ABCA7 Antibody is supplied in PBS containing 0.02% sodium azide.
<b>Purification</b>	ABCA7 Antibody is affinity chromatography purified via peptide column.
<b>Immunogen</b>	ABCA7 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human ABCA7. The immunogen is located within amino acids 130 - 180 of ABCA7.
<b>UniProt ID</b>	<b>Q8IZY2</b>
<b>MW</b>	Predicted: 236 kDa Observed: 240 kDa
<b>Tested applications</b>	ELISA, ICC, IF, IHC-P, WB

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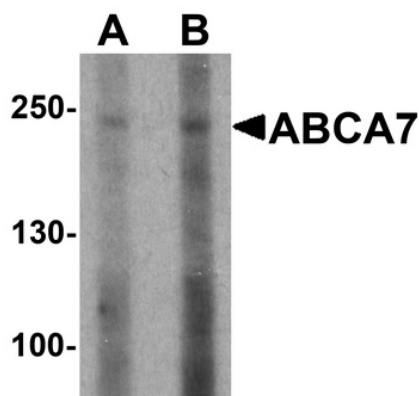
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<b>Application notes</b>	ABCA7 antibody can be used for detection of ABCA7 by Western blot at 1 - 2 $\mu\text{g/mL}$ . Antibody can also be used for immunocytochemistry starting at 5 $\mu\text{g/mL}$ and immunohistochemistry starting at 5 $\mu\text{g/mL}$ . For immunofluorescence start at 5 $\mu\text{g/mL}$ . Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
<b>Specificity</b>	ABCA7 antibody is predicted to not cross-react with other ABC1 subfamily proteins.
<b>Antibody Type</b>	Primary Antibody
<b>Modifications</b>	None
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>NCBI</b>	<a href="#">NP_061985</a>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of ABCA7 in 293 cell lysate with ABCA7 antibody at (A) 1 and (B) 2  $\mu\text{g/mL}$ .

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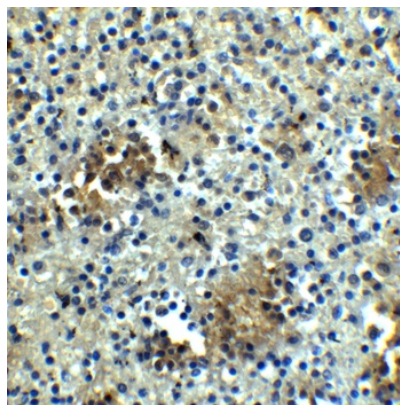
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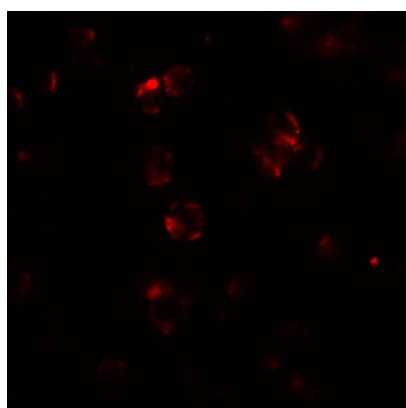
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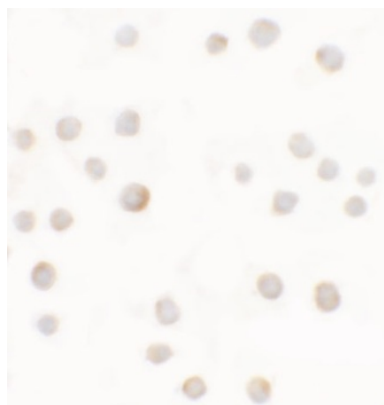
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Immunohistochemistry of ABCA7 in human spleen tissue with ABCA7 antibody at 5 µg/mL.



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



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

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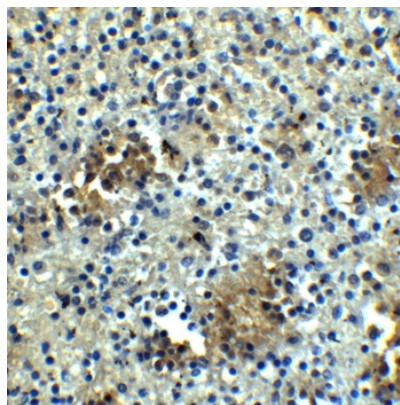
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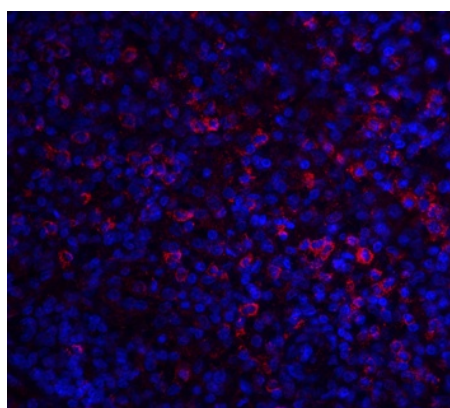
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Immunohistochemistry of ABCA7 in human spleen tissue with ABCA7 antibody at 5 µg/ml.



Immunofluorescence of ABCA7 in human spleen tissue with ABCA7 antibody at 20 µg/ml. Red: ABCA7 Antibody (orb1239133) Blue: DAPI staining.

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