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Datasheet for ABIN4995853

## anti-ABCA1 antibody (pSer2054) (AbBy Fluor® 680)

### Overview

Quantity:	100 µL
Target:	ABCA1
Binding Specificity:	pSer2054
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCA1 antibody is conjugated to AbBy Fluor® 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human ABCA1 around the phosphorylation site of Ser2054
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Pig
Purification:	Purified by Protein A.

### Target Details

Target:	ABCA1
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## Target Details

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Alternative Name: ABCA1 ([ABCA1 Products](#))

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Background: Synonyms: ABCA1 phospho S2054, p-ABCA1 phospho S2054, ATP binding cassette transporter A1, ABC 1, ABC Transporter 1, ABC1, ABCA 1, ABCA1, ATP binding Cassette 1, ATP binding cassette sub family A ABC1 member 1, ATP binding cassette sub family A member 1, ATP binding cassette sub-family A member 1, ATP binding Cassette Transporter 1, ATP-binding Cassette 1, ATP-binding Cassette Transporter 1, CERP, Cholesterol Efflux Regulatory Protein, FLJ14958, HDLDT1, Membrane bound, MGC164864, MGC165011, TD, TGD, ABCA1\_HUMAN.

Background: The membrane-associated 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 intracellular 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. In humans, this protein functions as a cholesterol efflux pump in the cellular lipid removal pathway. Mutations in the human gene have been associated with Tangier's disease and familial high-density lipoprotein deficiency.

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Gene ID: 19

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Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [cAMP Metabolic Process](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Lipid Metabolism](#)

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## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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## Handling

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handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months