

Datasheet for ABIN1697513

anti-ABCA1 antibody (pSer2054) (AbBy Fluor® 555)



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Overview

Quantity:	100 µL
Target:	ABCA1
Binding Specificity:	pSer2054
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCA1 antibody is conjugated to AbBy Fluor® 555
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

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

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

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.

Gene ID: 19

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

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

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

Preservative: ProClin

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

Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months