Datasheet for ABIN1714640

anti-ABCA1 antibody (pSer2054)

Go to Product page

Overview

Quantity:	100 µL
Target:	ABCA1
Binding Specificity:	pSer2054
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCA1 antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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

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:	ELISA 1:500-1000
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months