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Datasheet for ABIN1389664

anti-SORL1 antibody (AA 2001-2100) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	SORL1
Binding Specificity:	AA 2001-2100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SORL1 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SorLA
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SORL1
Alternative Name:	SorLA (SORL1 Products)
Background:	Synonyms: C11orf32, FLJ21930, FLJ39258, gp250, LDLR relative with 11 ligand binding

Target Details

repeats, LDLR relative with 11 ligand-binding repeats, Low density lipoprotein receptor relative with 11 ligand binding repeats, Low-density lipoprotein receptor relative with 11 ligand-binding repeats, LR 11, LR11, LRP 9, LRP9, Mosaic protein LR11, SORL 1, SORL_HUMAN, SORL1, SorLA 1, SorLA, SorLA-1, Sortilin related receptor, Sortilin related receptor LDLR class A repeats containing, Sortilin-related receptor, Sorting protein related receptor containing LDLR class A repeats, Sorting protein-related receptor containing LDLR class A repeats,

Background: Sortilin-related receptor, also known as Sorting protein-related receptor containing LDLR class A (SorLA), is a Type I membrane protein that may be involved in cell-cell interaction. SorLA, a single transmembrane receptor, binds LDL (the main cholesterol-carrying lipoprotein of plasma) and transports it into cells by endocytosis. SorLA is synthesized as a proreceptor which is processed to the mature form by a furin-like propeptidase. It can also bind to RAP, receptor-associated protein. SorLa is a multifunctional endocytis receptor important in lipoprotein and protease uptake. The N-terminal propeptide, which is removed, can be cleaved by furin or homologous proteases. Endogenous sorLA binds the neuropeptide head activator (HA) and is important for HA signaling and function. It is expressed mainly in brain (cerebral cortex, cerebellum and the occipital pole), but can also be found in liver, spinal cord, kidney, testis and pancreas.

Gene ID: 79845

Pathways: [Smooth Muscle Cell Migration](#)

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

Handling

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