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Datasheet for ABIN5009823

anti-RILPL2 antibody (AA 111-211) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	RILPL2
Binding Specificity:	AA 111-211
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RILPL2 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RILPL2
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	RILPL2
Alternative Name:	RILPL2 (RILPL2 Products)

Target Details

Background:	<p>Synonyms: FLJ30380, FLJ32372, MGC7036, p40phox-binding protein, Rab-interacting lysosomal protein-like 2, RILP-like protein 2, RILPL2, RIPL2_HUMAN, RLP2, Rab interacting lysosomal protein-like 2.</p> <p>Background: RILPL2 is a 211 amino acid protein that belongs to the RILPL family. RILPL2 does not regulate lysosomal morphology or distribution. RILPL2 shares 32 % and 18 % amino acid identity with RILPL1 and RILP, respectively. RILPL2 as a novel interacting partner for the actin-based molecular motor MyoVa, and has a novel role for RILPL2 in controlling neuronal morphogenesis. It has been suggested that there is also a novel role for RILPL2 in the regulation of cellular shape and dendritic-spine morphogenesis, probably via the Rac1-Pak pathway. PCR analysis of human tissues detects highest RILPL2 expression in lung, followed by placenta. Lower expression is detected in liver, kidney, pancreas, heart and brain, but no expression is detected in skeletal muscle. The RILPL2 gene is conserved in chimpanzee, dog, cow, mouse, rat, chicken and zebrafish, and maps to human chromosome 12q24.31.</p>
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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 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