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Datasheet for ABIN5010124

anti-RSPH4A antibody (AA 435-482) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	RSPH4A
Binding Specificity:	AA 435-482
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RSPH4A antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RSPH4A/RSHL3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	RSPH4A
Alternative Name:	RSPH4A/RSHL3 (RSPH4A Products)

Target Details

Background:	<p>Synonyms: CILD11, dJ412I7.1, Radial spoke head protein 4 homolog A, Radial spoke head-like protein 3, RSH4A_HUMAN, RSHL3, Rsph4a, RSPH6B, A230081C05.</p> <p>Background: RSHL3 is predicted to be a component of the radial spoke head based on homology with proteins in the biflagellate alga <i>Chlamydomonas reinhardtii</i> and other ciliates. RSHL3 (radial spoke head-like protein 3), also known as radial spoke head protein 4 homolog A, is a 716 amino acid protein that belongs to the flagellar radial spoke RSP4/6 family. Mutations in the RSHL3 gene cause primary ciliary dyskinesia 1, a disease arising from dysmotility of motile cilia and sperm. Existing as three alternatively spliced isoforms, the RSHL3 gene contains 6 exons, is conserved in chimpanzee, dog, cow, mouse, rat, chicken, zebrafish, fruit fly and <i>P.falciparum</i>, and maps to human chromosome 6q22.1.</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
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Restrictions:	For Research Use only
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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