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## anti-RSPH4A antibody (AA 435-482)



#### Overview

Quantity:	100 μL
Target:	RSPH4A
Binding Specificity:	AA 435-482
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RSPH4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

#### **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
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### **Target Details**

Alternative Name:	RSPH4A/RSHL3 (RSPH4A Products)
Background:	Synonyms: CILD11, dJ412I7.1, Radial spoke head protein 4 homolog A, Radial spoke head-like
	protein 3, RSH4A_HUMAN, RSHL3, Rsph4a, RSPH6B, A230081C05.
	Background: RSHL3 is predicted to be a component of the radial spoke head based on
	homology with proteins in the biflagellate alga Chlamydomonas reinhardtii 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 P.falciparum, and maps to human chromosome 6q22.1.

## **Application Details**

Restrictions:	For Research Use only
	ICC 1:100-500
	IF(ICC) 1:50-200
	IF(IHC-F) 1:50-200
	IF(IHC-P) 1:50-200
	IHC-F 1:100-500
	IHC-P 1:200-400
	ELISA 1:500-1000
Application Notes:	WB 1:300-5000

# Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date:

12 months