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## anti-IFT43 antibody (AA 111-208) (Cy5)



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Quantity:	100 μL
Target:	IFT43
Binding Specificity:	AA 111-208
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT43 antibody is conjugated to Cy5
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 IFT43
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

#### **Target Details**

Target:	IFT43
Alternative Name:	Ift43 (IFT43 Products)
Background:	Synonyms: C14orf179, t43, T43_HUMAN, Intraflagellar transport protein 43 homolog.

Background: IFT43 is a gene encodes a subunit of the intraflagellar transport complex A (IFT-
A). IFT-A is a multiprotein complex that plays an important role in cilia assembly and
maintenance by mediating retrograde ciliary transport. Mutations in this gene are a cause of
cranioectodermal dysplasia-3 (CED3), also known as Sensenbrenner syndrome. Alternatively
spliced transcript variants encoding multiple isoforms have been observed for this gene.

Pathways:

Hedgehog Signaling

#### **Application Details**

Restrictions:	For Research Use only
	IF(ICC) 1:50-200
	IF(IHC-F) 1:50-200
Application Notes:	IF(IHC-P) 1:50-200

### 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