

DATASHEET

IFT74 Rabbit Polyclonal Antibody

CAT. NO. APA15891

KEY FEATURES

Target	IFT74	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Component of the intraflagellar transport (IFT) complex B: together with IFT81, forms a tubulin-binding module that specifically mediates transport of tubulin within the cilium complex B: together with IFT81, forms a tubulin-binding module that specifically mediates transport of tubulin within the cilium . Binds beta-tubulin via its basic region . Required for ciliogenesis . Essential for flagellogenesis during spermatogenesis .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

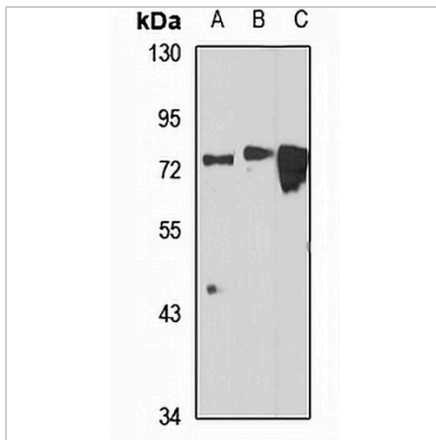
Description	Rabbit polyclonal antibody to IFT74
Specificity	Recognizes endogenous levels of IFT74 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human IFT74. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 42; Observed: 80 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CCDC2; CMG1; Intraflagellar transport protein 74 homolog; Capillary morphogenesis gene 1 protein; CMG-1; Coiled-coil domain-containing protein 2
Gene Symbol	IFT74
Entrez Gene	80173(Human); 67694(Mouse)
SwissProt	Q96LB3(Human); Q8BKE9(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of IFT74 expression in HT29 (A), mouse testis (B), rat testis (C) whole cell lysates. (Predicted band size: 42; 69 kD; Observed band size: 80 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.