

DATASHEET

IFT81 Rabbit Polyclonal Antibody

CAT. NO. APA15892

KEY FEATURES

| | | | |
|---------------|---|---------------|---------------------|
| Target | IFT81 | 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 IFT74, forms a tubulin-binding module that specifically mediates transport of tubulin within the cilium. Binds tubulin via its CH (calponin-homology)-like region. Complex B: together with IFT74, forms a tubulin-binding module that specifically mediates transport of tubulin within the cilium. Binds tubulin via its CH (calponin-homology)-like region. Required for ciliogenesis. Required for proper regulation of SHH signaling. Plays an important role during spermatogenesis by modulating the assembly and elongation of the sperm flagella.

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

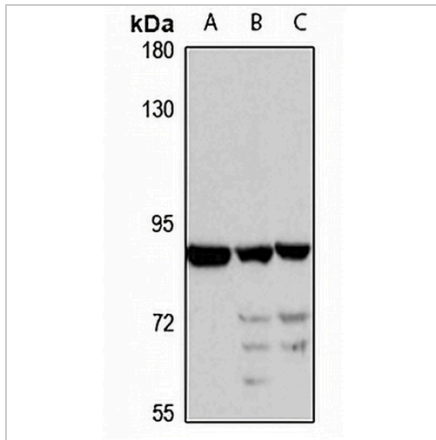
| | |
|-------------------|--|
| Description | Rabbit polyclonal antibody to IFT81 |
| Specificity | Recognizes endogenous levels of IFT81 protein |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human IFT81. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 12; Observed: 79 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 | CDV1; Intraflagellar transport protein 81 homolog; Carnitine deficiency-associated protein expressed in ventricle 1; CDV-1 |
| Gene Symbol | IFT81 |
| Entrez Gene | 28981(Human); 12589(Mouse); 373066(Rat) |
| SwissProt | Q8WYA0(Human); O35594(Mouse); P83829(Rat) |

*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 IFT81 expression in U87MG (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 12; 50; 79 kD; Observed band size: 79 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.