

Datasheet for ABIN7157000
anti-IFT74 antibody (AA 375-600)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	IFT74
Binding Specificity:	AA 375-600
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT74 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Intraflagellar transport protein 74 homolog protein (375-600AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IFT74
Alternative Name:	IFT74 (IFT74 Products)
Background:	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.

Target Details

Binds beta-tubulin via its basic region. Required for ciliogenesis.

Aliases: intraflagellar transport 74, Chlamydomonas, homolog of antibody, Capillary morphogenesis gene 1 protein antibody, Capillary morphogenesis protein 1 antibody, Ccdc2 antibody, CMG 1 antibody, CMG-1 antibody, Coiled-coil domain containing 2 antibody, Coiled-coil domain-containing protein 2 antibody, IFT74 antibody, IFT74_HUMAN antibody, intraflagellar transport 74 homolog (Chlamydomonas) antibody, intraflagellar transport 74 homolog antibody, Intraflagellar transport protein 74 homolog antibody

UniProt: [Q96LB3](#)

Pathways: [Hedgehog Signaling](#), [Chromatin Binding](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

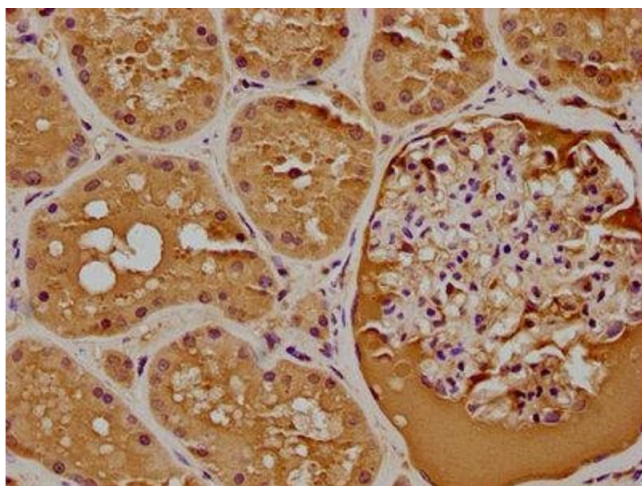
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7157000 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.