

Datasheet for ABIN7256290

anti-IFT74 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	IFT74
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT74 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human IFT74 (NP_001092694.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	IFT74
Alternative Name:	IFT74 (IFT74 Products)
Background:	Capillary morphogenesis protein 1 (CMG1), also known as intraflagellar transport protein 74 (ITP74) or coiled-coil domain-containing protein 2 (CCDC2), is a 600 amino acid human homologue of IFT-71, a complex B protein supporting intraflagellar transport (IFT) in Chlamydomonas. CMG1 localizes to the cytoplasmic vesicle and is highly expressed in adult

Target Details

and fetal kidney and testis, with lower levels of expression in adult heart, placenta, lung, liver and pancreas, and in fetal heart, lung and liver. CMG1 has been suggested to have a role in the primary cilia of HUVEC, and it also functions as a transcriptional regulator of cyclin D2 in spermatocyte-derived cells.

Molecular Weight: Observed_MW: 80 kDa
Calculated_MW: 42 kDa/69 kDa

Gene ID: 80173

UniProt: [Q96LB3](#)

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

Application Details

Application Notes: WB 1:1000-1:3000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

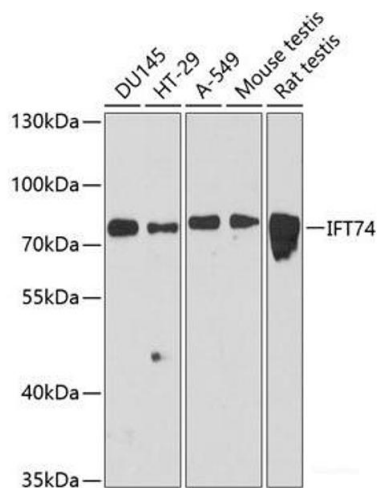
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using IFT74 Polyclonal Antibody at dilution of 1:3000.