

Datasheet for ABIN6142220
anti-IFT74 antibody (AA 1-372)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	IFT74
Binding Specificity:	AA 1-372
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT74 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-372 of human IFT74 (NP_001092694.1).
Sequence:	MASNHKSSAA RPVSRGGVGL TGRPPSGIRP LSGNIRVATA MPPGTARPGS RGCPIGTGGV LSSQIKVAHR PVTQQGLTGM KTGTKGPQRQ ILDKSYLGL LRSKISELTT EVNKLQKGIE MYNQENSVYL SYEKRAETLA VEIKELQGGQL ADYNMLVDKL NTNTEMEEVN NDYNMLKAQN DRETQSLDVI FTERQAKEKQ IRSEVEEIEQ EKQATDDIIK NMSFENQVKY LEMKTTNEKL LQELDTLQQQ LDSQNMKKES LEAEIAHSQV KQEAULLHEK LYELESHRDQ MIAEDKSIGS PMEEREKLLK QIKDDNQEIA SMERQLTDTK EKINQFIEEI RQLDMDLEEY QDPTNYGWKI LEKNTGSFVK QV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

Product Details

Characteristics: Polyclonal Antibodies

Purification: Affinity purification

Target Details

Target: IFT74

Alternative Name: IFT74 ([IFT74 Products](#))

Background: This gene encodes a core intraflagellar transport (IFT) protein which belongs to a multi-protein complex involved in the transport of ciliary proteins along axonemal microtubules. IFT proteins are found at the base of the cilium as well as inside the cilium, where they assemble into long arrays between the ciliary base and tip. This protein, together with intraflagellar transport protein 81, binds and transports tubulin within cilia and is required for ciliogenesis. Naturally occurring mutations in this gene are associated with amyotrophic lateral sclerosis--frontotemporal dementia and Bardet-Biedl Syndrome. [provided by RefSeq, Mar 2017],IFT74,BBS20,CCDC2,CMG-1,CMG1,Cell Biology & Developmental Biology,Extracellular Matrix,Cardiovascular,Angiogenesis,IFT74

Molecular Weight: 42 kDa/69 kDa

Gene ID: 80173

UniProt: [Q96LB3](#)

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

Application Details

Application Notes: WB,1:1000 - 1:3000

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

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

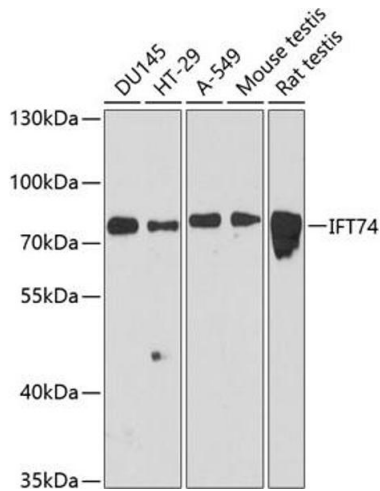
Handling

should be handled by trained staff only.

Storage: -20 °C

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

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using IFT74 antibody (ABIN6127640, ABIN6142220, ABIN6142222 and ABIN6216400) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.