

**IFT88 polyclonal antibody**

Catalog: AP6022

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

IFT88 (Intraflagellar transport protein 88), also known as TG737 or TTC10 (TPR repeat protein 10), is an 833 amino acid protein that contains 12 TPR repeats and belongs to the TPR family. Expressed in lung, heart, liver, brain, pancreas, kidney and skeletal muscle, IFT88 is thought to interact with other intraflagellar transport proteins and may play a role in the assembly and maintenance of the vertebrate outer segment. Additionally, IFT88 is thought to function as a centrosomal protein that may regulate the G1 to S phase cell cycle transition in non-ciliated cells. Defects in the gene encoding IFT88 may be associated with the pathogenesis of polycystic kidney disease, a genetic disorder that is characterized by the presence of cysts within the kidneys. IFT88 expression is downregulated in hepatocellular carcinomas, suggesting a role for IFT88 in tumor suppression. Multiple isoforms of IFT88 exist due to alternative splicing events.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 94 kDa

Swiss-Prot:

Q13099

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

IFT88 polyclonal antibody detects endogenous levels of IFT88 protein.

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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