

IFT88 Antibody
Rabbit mAb
Catalog # AP92996**Specification**

IFT88 Antibody - Product Information

Application	WB
Primary Accession	<u>Q13099</u>
Reactivity	Rat
Clonality	Monoclonal
Other Names	
DAF19; hTg737; Ift88; TG737; TTC10;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	93192 Da

IFT88 Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human IFT88
Description	Involved in primary cilium biogenesis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

IFT88 Antibody - Protein Information**Name** IFT88**Synonyms** TG737, TTC10**Function**

Positively regulates primary cilium biogenesis (PubMed:17604723). Also involved in autophagy since it is required for trafficking of ATG16L and the expansion of the autophagic compartment.

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole {ECO:0000250|UniProtKB:Q61371}. Cell projection, cilium. Cytoplasm, cytoskeleton, cilium basal body. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm {ECO:0000250|UniProtKB:Q61371}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q61371}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q61371}. Note=Colocalizes with ENTR1 and gamma- tubulin at the basal body of primary cilia

(PubMed:27767179) Colocalizes with ENTR1 and pericentrin at the centrosome (PubMed:27767179). In sperm cells, localizes to the manchette, head- tail coupling apparatus and flagellum (By similarity) {ECO:0000250|UniProtKB:Q61371, ECO:0000269|PubMed:27767179}

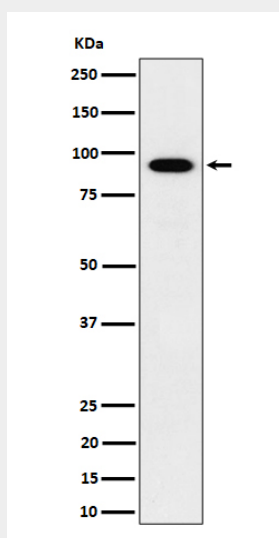
Tissue Location

Expressed in the heart, brain, liver, lung, kidney, skeletal muscle and pancreas.

IFT88 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IFT88 Antibody - Images

Western blot analysis of IFT88 expression in HepG2 cell lysate.