

**IFT88 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11138b****Specification**

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**IFT88 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q13099](#)**IFT88 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 8100**Other Names**

Intraflagellar transport protein 88 homolog, Recessive polycystic kidney disease protein Tg737 homolog, Tetratricopeptide repeat protein 10, TPR repeat protein 10, IFT88, TG737, TTC10

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**IFT88 Antibody (C-term) Blocking peptide - Protein Information****Name** IFT88**Synonyms** TG737, TTC10**Function**

Positively regulates primary cilium biogenesis (PubMed:&lt;a href="http://www.uniprot.org/citations/17604723" target="\_blank"&gt;17604723&lt;/a&gt;). 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}. Note=Colocalizes with ENTR1 and gamma- tubulin at the basal body of primary cilia. Colocalizes with ENTR1 and pericentrin at the centrosome.

**Tissue Location**

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

### **IFT88 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

### **IFT88 Antibody (C-term) Blocking peptide - Images**

### **IFT88 Antibody (C-term) Blocking peptide - Background**

This gene encodes a member of the tetratrico peptiderepeat (TPR) family. Mutations of a similar gene in mouse can cause polycystic kidney disease. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq].

### **IFT88 Antibody (C-term) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Robert, A., et al. J. Cell. Sci. 120 (PT 4), 628-637 (2007) :Khanna, H., et al. J. Biol. Chem. 280(39):33580-33587(2005)Lehner, B., et al. Genomics 83(1):153-167(2004)Harrington, J.J., et al. Nat. Biotechnol. 19(5):440-445(2001)