

Rabbit anti-Human, mouse IFT88 Polyclonal Antibody | anti-IFT88 antibody

IFT88 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286280	Rabbit	Human, mouse	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

IFT88; Polyclonal Antibody; IFT88 Antibody (C-term); Intraflagellar transport protein 88 homolog; Recessive polycystic kidney disease protein Tg737 homolog; Tetratricopeptide repeat protein 10; TPR repeat protein 10; TG737; TTC10; anti-IFT88 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IFT88 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 791-820 amino acids from the C-terminal region of human IFT88.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	791-820
Sequence Length	824
Applicable Applications for anti-IFT88 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of IFT88 Antibody (C-term) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

IFT88 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of IFT88 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**WB (Western Blot)**

IFT88 Antibody (C-term) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the IFT88 antibody detected the IFT88 protein (arrow).

**WB (Western Blot)**

IFT88 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the IFT88 antibody detected the IFT88 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IFT88 antibody	This gene encodes a member of the tetratrico peptide repeat (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].
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28329439
NCBI GeneID	8100
NCBI Accession #	NP_006522.2 ; NP_783195.2
NCBI GenBank Nucleotide #	NM_006531.3
UniProt Accession #	Q13099 ; Q5SZJ6 ; Q8N719 ; A2A491 ; B4DUS2
Molecular Weight	94270
NCBI Official Full Name	intraflagellar transport protein 88 homolog isoform 2
NCBI Official Synonym Full Names	intraflagellar transport 88
NCBI Official Symbol	IFT88
NCBI Official Synonym Symbols	DAF19; TG737; TTC10; hTg737; D13S1056E
NCBI Protein Information	intraflagellar transport protein 88 homolog
UniProt Protein Name	Intraflagellar transport protein 88 homolog
UniProt Gene Name	IFT88
UniProt Synonym Gene Names	TG737; TTC10; TPR repeat protein 10
UniProt Entry Name	IFT88_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ift88-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/286280>