

Rabbit IFT88 Antibody | anti-IFT88 antibody

IFT88 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322828	Rabbit	Human, Mouse, Rat, Dog	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IFT88; IFT88 Antibody; D13S1056E; DAF19; hTg737; Ift88; IFT88_HUMAN; Intraflagellar transport 88 homolog; Intraflagellar transport protein 88 homolog; MGC26259; Polaris homolog; Probe hTg737 (polycystic kidney disease; autosomal recessive); Recessive polycystic kidney disease protein Tg737 homolog; RP11-172H24.2; Tetratricopeptide repeat domain 10; Tetratricopeptide repeat protein 10; TG737; TPR repeat protein 10; TTC10; anti-IFT88 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog
Specificity	IFT88 Antibody detects endogenous levels of total IFT88.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IFT88 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IFT88, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



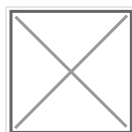
WB (Western Blot)

Western blot analysis of extracts of HL-60 cells, using IFT88 antibody.



IHC (Immunohistochemistry)

AAA322828 at 1/100 staining Mouse skin tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2, using IFT88 antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IFT88 antibody	Function: Involved in primary cilium biogenesis. Also involved in autophagy since it is required for trafficking of ATG16L and the expansion of the autophagic compartment. Subunit Structure: Component of the IFT complex B, at least composed of IFT20, IFT22, HSPB11/IFT25, IFT27, IFT46, IFT52, TRAF3IP1/IFT54, IFT57, IFT74, IFT80, IFT81, and IFT88. Interacts with IFT20, IFT22, HSPB11, IFT27, IFT46, IFT52, TRAF3IP1, IFT57, IFT74, IFT80, IFT81, IFT88 AND IFT172. Interacts with C2CD3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	972776298
NCBI GeneID	8100
NCBI Accession #	NP_001305420.1
NCBI GenBank Nucleotide #	NM_001318491.1
UniProt Accession #	Q13099; Q5SZJ6; Q8N719; A2A491; B4DUS2
Molecular Weight	88-95 kDa
NCBI Official Full Name	intraflagellar transport protein 88 homolog isoform 3
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

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.