

Datasheet for ABIN2785505
anti-IFT88 antibody (Middle Region)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	IFT88
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT88 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human IFT88
Sequence:	EIREQRIKSG RDGSGGSRGK REGSASGDSG QNYSASSKGE RLSARLRALP
Predicted Reactivity:	Dog: 92%, Guinea Pig: 85%, Horse: 85%, Human: 100%, Mouse: 85%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against IFT88. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IFT88
Alternative Name:	IFT88 (IFT88 Products)
Background:	This gene encodes a member of the tetratrico peptide repeat (TPR) family. Mutations of a

Target Details

similar gene in mouse can cause polycystic kidney disease. Two transcript variants encoding distinct isoforms have been identified for this gene.

Alias Symbols: D13S1056E, DAF19, MGC26259, RP11-172H24.2, TG737, TTC10, hTg737

Protein Interaction Partner: IFT46, IFT81, UBC, RPGR, PRRC2A,

Protein Size: 824

Molecular Weight: 91 kDa

Gene ID: 8100

NCBI Accession: [NM_006531](#), [NP_006522](#)

Pathways: [Hedgehog Signaling](#), [Sensory Perception of Sound](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 824 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

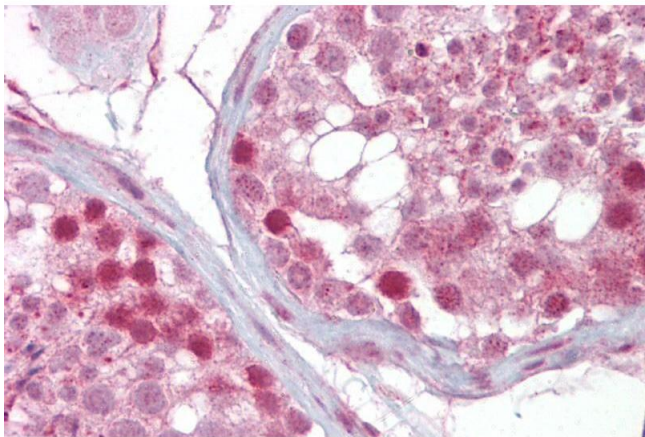
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry with Testis tissue at an antibody concentration of 5µg/ml using anti-IFT88 antibody (ARP53658_P050)



Western Blotting

Image 2. WB Suggested Anti-IFT88
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate
IFT88 is supported by BioGPS gene expression data to be expressed in Jurkat

Western Blotting

Image 3. WB Suggested Anti-IFT88 Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate