

Rabbit anti-Human IFT122 Polyclonal Antibody | anti-IFT122 antibody

IFT122 antibody - C-terminal region

CATALOG # AAA200331	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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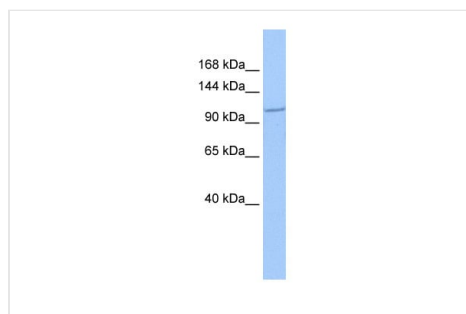
PRODUCT SYNONYMS

IFT122; Polyclonal Antibody; IFT122 antibody - C-terminal region; anti-IFT122 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QA DPAQKDTMLG KFYHFQRLAE LYHGYHAIHR HTEDPFSVHR PETLFNIS
Sequence Length	1131
Applicable Applications for anti-IFT122 antibody	WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human IFT122
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-IFT122 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate


WB (Western Blot)

Sample Type: human and mouse
Sample Type: 1. Human 293FT cell line (15ug) 2. Murine IMCD3 cell line (15ug) 3. Human RPE cell line (15ug) 4. Bovine retina lysate cleared at 100,000Xg for 2 hours (15ug) 5. Mouse Brain Lysate (15ug)
Primary Dilution: 1:1000
Secondary Antibody: goat anti-rabbit HRP
Secondary Dilution: 1:10,000
Image Submitted By: Gerald Liew Stanford University

ADDITIONAL INFORMATION

Related Product Information for anti-IFT122 antibody	This is a rabbit polyclonal antibody against IFT122. It was validated on Western Blot using a cell lysate as a positive control. Target Description: IFT122 is a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. IFT122 contains seven WD repeats and an AF-2 domain which function by recruiting coregulatory molecules and in transcriptional activation. This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This cytoplasmic protein contains seven WD repeats and an AF-2 domain which function by recruiting coregulatory molecules and in transcriptional activation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-IFT122 antibody	Polyclonal; Various; Apoptosis; Meiosis/Mitosis/Cell Cycle

NCBI AND UNIPROT INFORMATION

NCBI GI #	16554625
NCBI GeneID	55764
NCBI Accession #	NP_443716
NCBI GenBank Nucleotide #	NM_052990
UniProt Accession #	Q9HBG6
Molecular Weight	129kDa
NCBI Official Full Name	intraflagellar transport protein 122 homolog isoform 4
NCBI Official Synonym Full Names	intraflagellar transport 122
NCBI Official Symbol	IFT122
NCBI Official Synonym Symbols	CED; SPG; CED1; WDR10; WDR10p; WDR140
NCBI Protein Information	intraflagellar transport protein 122 homolog
UniProt Protein Name	Intraflagellar transport protein 122 homolog
UniProt Gene Name	IFT122
UniProt Synonym Gene Names	SPG; WDR10; WDR140
UniProt Entry Name	IFT122_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.