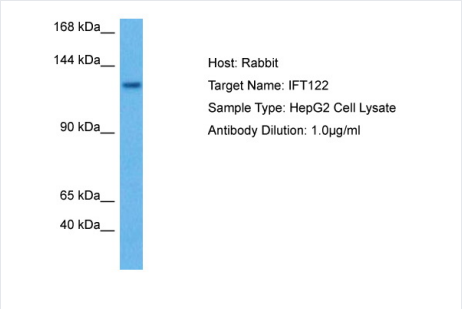
IFT122 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IFT122, Polyclonal Antibody
Full Product Name	IFT122 Antibody-middle region
Product Gene Name	anti-IFT122 antibody
Product Synonym Names	Intraflagellar transport protein 122 homolog; UBC; gag-pol; CED; SPG; CED1; WDR10; WDR10p; WDR140
Immunogen Sequence	QDLRYLELIS SIEERKKRGE TNNDLFLADV FSYQGKFHEA AKLYKRSGHE
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Concentration	Batch dependent within range: 100ul at 0.5-1mg/ml (lot specific)
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.
Antibody/Peptide Pairs	IFT122 peptide (MBS3249328) is used for blocking the activity of IFT122 antibody (MBS3249627)
Molecular Weight	130kDa
OMIM	606045
3D Structure	ModBase 3D Structure for Q9HBG6
Protein Size	1182 amino acids
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human IFT122
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Applications Tested/Suitable for anti-IFT122 antibody	Western Blot (WB)
Related Product Information for anti-IFT122 antibody	Description of Target: 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-asp (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. Mutations in this gene cause cranioectodermal dysplasia-1. A related pseudogene is located on chromosome 3. Alternative splicing results in multiple transcript variants encoding different isoforms.
Other Notes	Small volumes of anti-IFT122 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IFT122 purchase	MBS3249627 is an antibody targeting IFT122. Also known as IFT122 Antibody-middle region. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-IFT122 antibody
Host: RabbitTarget Name: IFT122Sample Tissue: Human HepG2 Whole Cell lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IFT122. It may not necessarily be applicable to this product.

NCBI GeneID	55764
NCBI Accession #	NM_052989.2
UniProt Primary Accession #	Q9HBG6
UniProt Related Accession #	NP_443715
UniProt Protein Name	Intraflagellar transport protein 122 homolog
UniProt Synonym Protein Names	WD repeat-containing protein 10; WD repeat-containing protein 140
Protein Family	Intraflagellar transport protein
UniProt Gene Name	IFT122
UniProt Synonym Gene Names	SPG; WDR10; WDR140
UniProt Entry Name	IF122_HUMAN
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/ift122/3249627