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anti-IFT122 antibody (C-Term)

2 Images



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Quantity:	100 μL
Target:	IFT122
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT122 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human IFT122
Sequence:	QADPAQKDTM LGKFYHFQRL AELYHGYHAI HRHTEDPFSV HRPETLFNIS
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against IFT122. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	IFT122
Alternative Name:	IFT122 (IFT122 Products)

Target Details

Background:

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-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. 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-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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Alias Symbols: SPG, WDR10, WDR10p, WDR140, CED

Protein Interaction Partner: UBC, gag-pol,

Protein Size: 1131

Molecular Weight: 129 kDa

Gene ID: 55764

NCBI Accession: NM_052990, NP_443716

UniProt: Q9HBG6

Pathways: Tube Formation, Embryonic Body Morphogenesis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1131 AA

Restrictions: For Research Use only

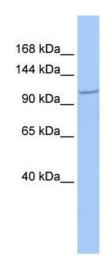
Handling

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

Handling

	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.

Images

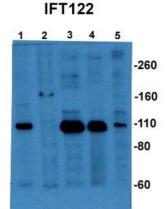


Western Blotting

Image 1. WB Suggested Anti-IFT122 Antibody Titration:

0.2-1 ug/ml

Positive Control: 721_B cell lysate



See Immunoblot 2 Data and Customer Fedback tab for more information.

Western Blotting

Image 2. 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 Anditbody: goat anti-rabbit HRP

Scondary Dilution: 1:10,000

Image Submitted By: Gerald Liew

Stanford University