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Datasheet for ABIN1698747

**anti-IFT122 antibody (AA 1-100) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	IFT122
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT122 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IFT122
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	IFT122
Alternative Name:	Ift122 ( <a href="#">IFT122 Products</a> )
Background:	Synonyms: CED, 122_HUMAN, T122, Intraflagellar transport 122 homolog Chlamydomonas,

## Target Details

Intraflagellar transport protein 122 homolog, SPG, WD repeat domain 10, WD repeat-containing protein 10, WD repeat-containing protein 140, WDR10, WDR10p, WDR140.

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-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.

Pathways: [Tube Formation](#), [Embryonic Body Morphogenesis](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months