

Nur für Forschungszwecke

IFT81 Monoklonaler Antikörper

Katalog-Nr.:67987-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67987-1-Ig	GenBank-Zugangsnummer: BC029349	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von28981 Nanodrop;	GeneID (NCBI): 28981	CloneNo.: 1D5A3
Wirt: Maus	Vollständiger Name: intraflagellar transport 81 homolog (Chlamydomonas)	Empfohlene Verdünnungen: WB 1:5000-1:50000 IF 1:1000-1:4000
Isotyp: IgG1	Berechnete Masse: 676 aa, 80 kDa	
Immunogen Katalognummer: AG31629	Beobachtete Masse: 70-80 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

Getestete Reaktivität:

Human, Kaninchen, Maus, Ratte

Positivkontrollen:

WB : HEK-293-Zellen, hTERT-RPE1-Zellen, humanes Hodengewebe, Kaninchenhirngewebe, Maushodengewebe, MDCK-Zellen, NCCIT-Zellen, Rattenhodengewebe

IF : hTERT-RPE1-Zellen,

Hintergrundinformationen

Intraflagellar transport (IFT), mediated by molecular motors and IFT particles, is an important transport process that occurs in the cilium and has been shown to be essential for the assembly and maintenance of cilia and flagella in many organisms. IFT particles are multi-subunit complexes of proteins that function to move non-membrane-bound particles from the cell body to the tip of cilium or flagellum, then return them to the cell body. Transport towards the ciliary tip is regulated by the IFT complex B (IFT-B), consisting of at least 15 IFT proteins, in association with kinesin motors, whereas transport from the ciliary tip back to the base is executed by a dynein motor in association with the IFT complex A (IFT-A), currently known to be composed of six IFT proteins. IFT81 is a subunit of IFT complex B. It may play a role in development of the testis and spermatogenesis. There are some isoforms of IFT81 with 73-78 kDa and 43-50 kDa.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

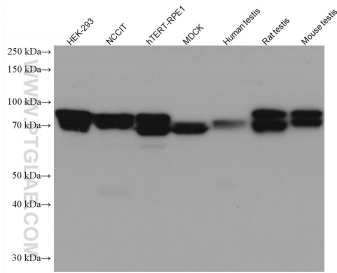
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

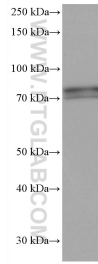
E: proteintech@ptglab.com
W: ptglab.com

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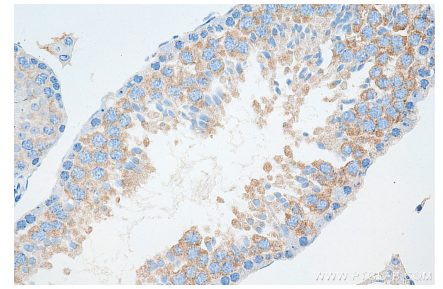
Ausgewählte Validierungsdaten



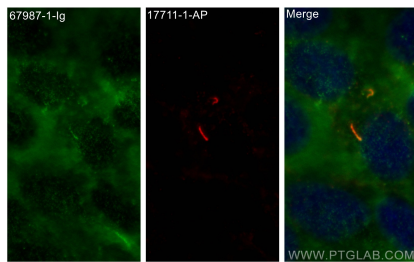
Various lysates were subjected to SDS PAGE followed by western blot with 67987-1-Ig (IFT81 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



rabbit brain tissue were subjected to SDS PAGE followed by western blot with 67987-1-Ig (IFT81 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67987-1-Ig (IFT81 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using IFT81 antibody (67987-1-Ig, Clone: 1D5A3) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), ARL13B antibody (17711-1-AP, red).