

For Research Use Only

IFT43 Polyclonal ANTIBODY



Catalog Number: 24338-1-AP **4 Publications**

Basic Information

Catalog Number: 24338-1-AP	GenBank Accession Number: BC010436	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 112752	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: chromosome 14 open reading frame 179	
Isotype: IgG	Calculated MW: 213 aa, 24 kDa	
Immunogen Catalog Number: AG19434		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human testis tissue,
Cited Applications: IF, WB	
Species Specificity: human	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

IFT43, encoded by C14ORF179, is a subunit of the intraflagellar transport complex A (IFT-A) of primary cilia. The IFT-A is implicated in retrograde ciliary transport along axonemal microtubules. Defects in subunits of IFT-A has been associated with skeletal ciliopathies, including Sensenbrenner syndrome, Jeune syndrome, and Ellis-van-Creveld syndrome. Mutations in C14ORF179 has been linked to Sensenbrenner syndrome. (21378380)

Notable Publications

Author	Pubmed ID	Journal	Application
Laura Vuolo	30320547	Elife	IF
Caleb S Hayes	31188487	J Cell Physiol	WB
Na Luo	25143588	Proc Natl Acad Sci U S A	IF

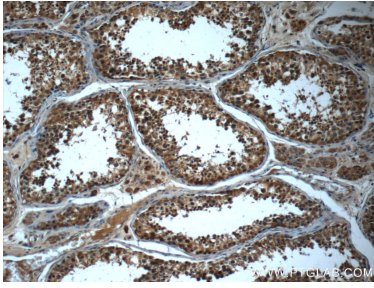
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

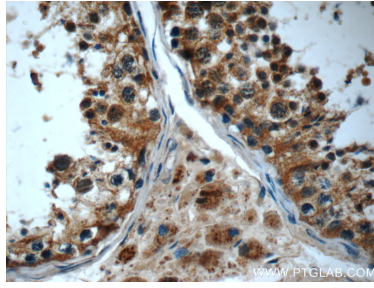
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis slide using 24338-1-AP (IFT43 antibody at dilution of 1:50) (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis slide using 24338-1-AP (IFT43 antibody at dilution of 1:50) (under 40x lens).