

IFT172 Polyclonal antibody

Catalog Number: 28441-1-AP

Basic Information

Catalog Number:

28441-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28921

GenBank Accession Number:

BC137126

GeneID (NCBI):

26160

UNIPROT ID:

Q9UG01

Full Name:

intraflagellar transport 172 homolog
(Chlamydomonas)

Calculated MW:

1749 aa, 198 kDa

Observed MW:

180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IHC, ELISA

Species Specificity:

mouse, rat, human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : mouse testis tissue, rat testis tissue, mouse brain
tissue

IHC : mouse testis tissue,

IF/ICC : ARPE-19 cells,

Background Information

Storage

Storage:

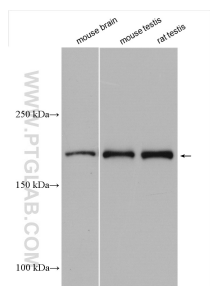
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

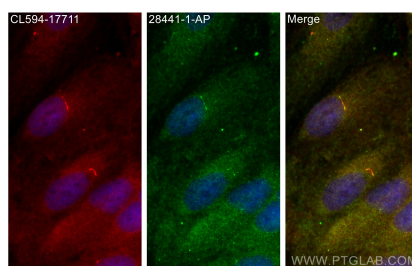
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

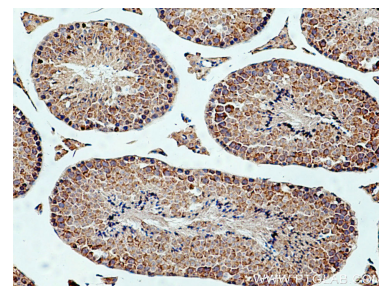
Selected Validation Data



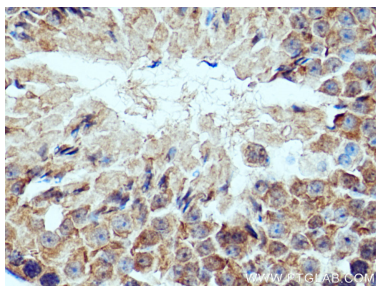
Various lysates were subjected to SDS PAGE followed by western blot with 28441-1-AP (IFT172 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed ARPE-19 cells using IFT172 antibody (28441-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 28441-1-AP (IFT172 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 28441-1-AP (IFT172 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).