

ACTL7A Polyclonal antibody

Catalog Number: 17355-1-AP

12 Publications

Basic Information

Catalog Number:

17355-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10613

GenBank Accession Number:

BC014610

GeneID (NCBI):

10881

UNIPROT ID:

Q9Y615

Full Name:

actin-like 7A

Calculated MW:

435 aa, 49 kDa

Observed MW:

49 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:5000

IHC 1:50-1:500

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

CoIP, IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB : mouse testis tissue, rat testis tissue

IHC : mouse testis tissue,

IF : HepG2 cells,

Background Information

ACTL7a is located in the acrosome and tail of mature spermatozoa and plays an important role in spermiogenesis. Recently mutation of ACTL7A has been linked to infertility.

Notable Publications

Author	Pubmed ID	Journal	Application
Jing Wang	34727571	Hum Reprod	WB,IF
Pingping Chen	34172998	Hum Reprod	CoIP
Xiao-Zhen Zhang	35616329	Development	WB,IF,IP

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

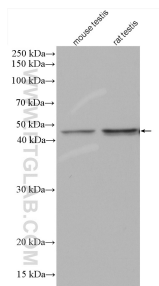
For technical support and original validation data for this product please contact:

T: 4006900926

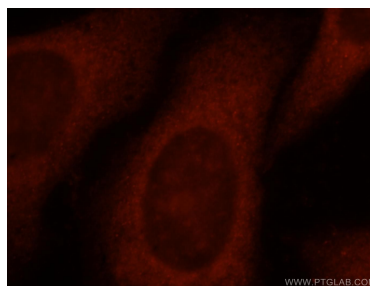
E: Proteintech-CN@ptglab.comW: ptgcn.com

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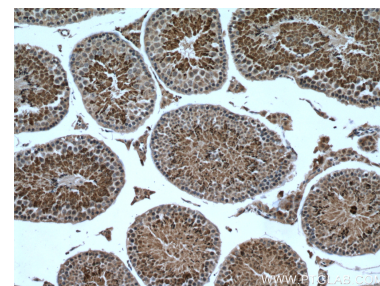
Selected Validation Data



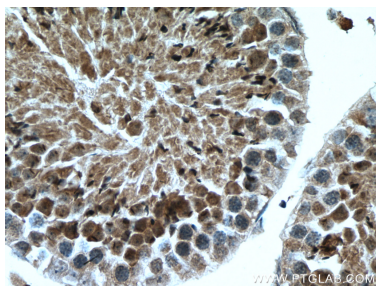
Various lysates were subjected to SDS PAGE followed by western blot with 17355-1-AP (ACTL7A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using ACTL7A antibody 17355-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17355-1-AP (ACTL7A 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 17355-1-AP (ACTL7A antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).