For Research Use Only

Alpha Tubulin Polyclonal antibody

Catalog Number:14555-1-AP 9 Publications

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Basic Information

Catalog Number:
14555-1-AP

Size:
150ul , Concentration: 500 μg/ml by Nanodrop and 307 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6038

GenBank Accession Number:
BC050637

GeneID (NCBI):
7846

Full Name:
tubulin, alpha 1a

Calculated MW:
50 kDa

Observed MW:
50-55 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IHC 1:250-1:1000
IF 1:10-1:100

Applications

Tested Applications:
IF, IHC, WB,ELISA

Cited Applications:
IF, IHC, 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 brain tissue, mouse cerebellum tissue

IHC : mouse testis tissue,

IF : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Mohamed Bourmoum	29724911	J Cell Sci	WB
Shaqayeq Roqanian	35170061	J Neurosci Res	WB
Cecilia D Gerstner	36611941	Cells	IHC

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

*** 20ul sizes contain 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
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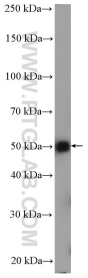
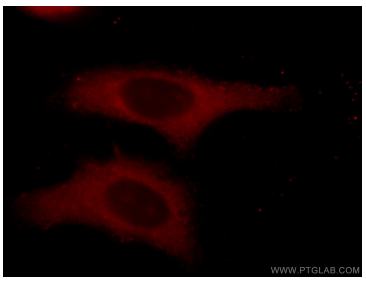
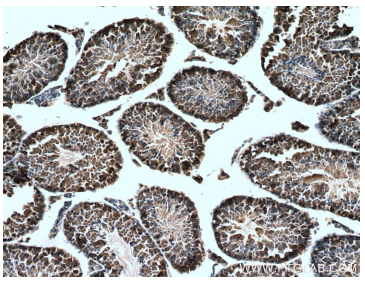
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 14555-1-AP (alpha Tubulin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 14555-1-AP (alpha Tubulin antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 14555-1-AP (Alpha Tubulin antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).