

For Research Use Only

MAST3 Polyclonal antibody

Catalog Number: 19507-1-AP



Basic Information

Catalog Number: 19507-1-AP	GenBank Accession Number: NM_015016	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23031	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: microtubule associated serine/threonine kinase 3	IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG	Calculated MW: 143 kDa Observed MW: 144 kDa	

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Species Specificity:

human, mouse, rat

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: Jurkat cells, human brain tissue, mouse lung tissue, mouse brain tissue, rat brain tissue

IP: Jurkat cells,

IHC: human kidney tissue,

IF: HepG2 cells,

Background Information

MAST3, also named as KIAA0561, belongs to the protein kinase superfamily and AGC Ser/Thr protein kinase family. MAST3 catalyze the reaction: ATP + a protein = ADP + a phosphoprotein.

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

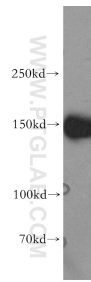
For technical support and original validation data for this product please contact:

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

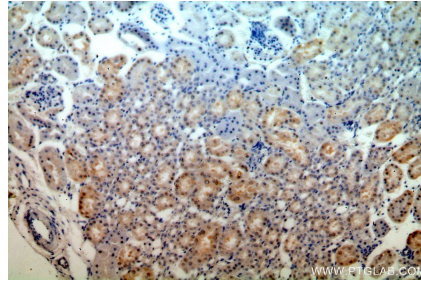
E: proteintech@ptglab.com
W: ptglab.com

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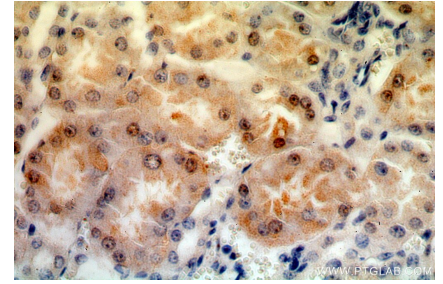
Selected Validation Data



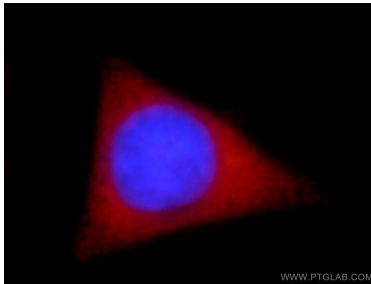
Jurkat cells were subjected to SDS PAGE followed by western blot with 19507-1-AP (MAST3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



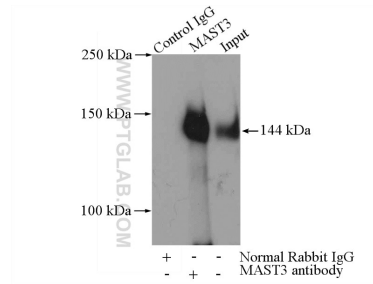
Immunohistochemical analysis of paraffin-embedded human kidney using 19507-1-AP (MAST3 antibody) at dilution of 1:100 (under 10x lens).



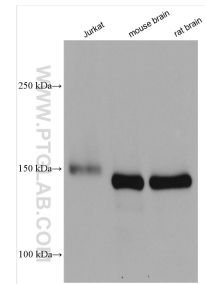
Immunohistochemical analysis of paraffin-embedded human kidney using 19507-1-AP (MAST3 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using MAST3 antibody 19507-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-MAST3 (IP:19507-1-AP, 4ug; Detection:19507-1-AP 1:500) with Jurkat cells lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 19507-1-AP (MAST3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.