

For Research Use Only

# CHMP7 Polyclonal antibody

Catalog Number: 16424-1-AP

Featured Product

8 Publications



## Basic Information

<b>Catalog Number:</b> 16424-1-AP	<b>GenBank Accession Number:</b> BC019110	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 91782	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IHC 1:20-1:200 IF 1:200-1:800
<b>Source:</b> Rabbit	<b>Full Name:</b> CHMP family, member 7	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 453 aa, 51 kDa	
<b>Immunogen Catalog Number:</b> AG9625	<b>Observed MW:</b> 51-55 kDa	

## Applications

**Tested Applications:**  
IF, IHC, WB, ELISA

**Cited Applications:**  
IF, IHC, IP, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, pig

**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:** HEK-293 cells, HEK-293T cells, mouse spinal cord tissue, rat spinal cord tissue, HeLa cells, Jurkat cells

**IHC:** human kidney tissue,

**IF:** A431 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yolanda Olmos	27618263	Curr Biol	WB
Samuel S Wallis	34818527	Dev Cell	WB
Charles T Halfmann	31147383	J Cell Biol	WB

## 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

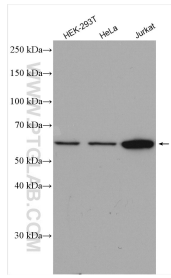
For technical support and original validation data for this product please contact:

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

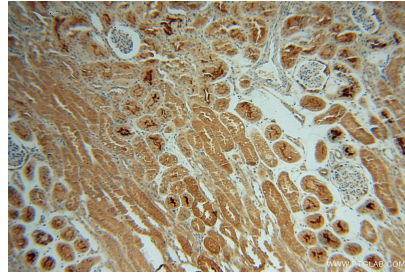
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

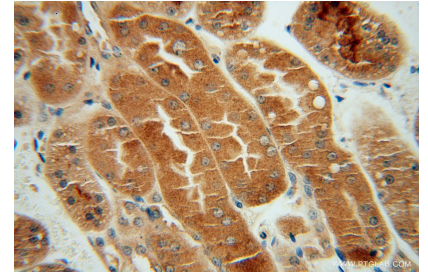
## Selected Validation Data



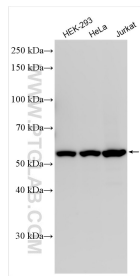
Various lysates were subjected to SDS PAGE followed by western blot with 16424-1-AP (CHMP7 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



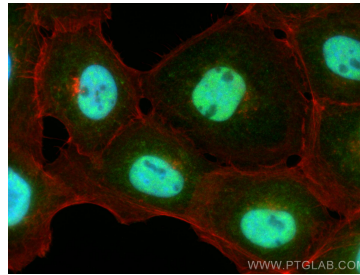
Immunohistochemical analysis of paraffin-embedded human kidney using 16424-1-AP (CHMP7 antibody) at dilution of 1:100 (under 10x lens).



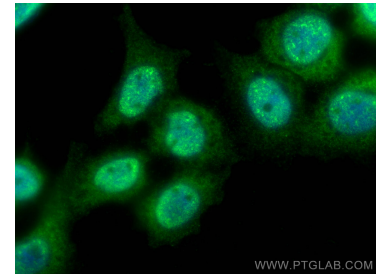
Immunohistochemical analysis of paraffin-embedded human kidney using 16424-1-AP (CHMP7 antibody) at dilution of 1:100 (under 40x lens).



Various lysates were subjected to SDS PAGE followed by western blot with 16424-1-AP (CHMP7 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CHMP7 antibody (16424-1-AP) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CHMP7 antibody (16424-1-AP) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).