

For Research Use Only

# PTGER4 Polyclonal antibody

Catalog Number: 24895-1-AP

9 Publications



## Basic Information

<b>Catalog Number:</b> 24895-1-AP	<b>GenBank Accession Number:</b> BC101534	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5734	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> prostaglandin E receptor 4 (subtype EP4)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 488 aa, 53 kDa	
<b>Immunogen Catalog Number:</b> AG19217	<b>Observed MW:</b> 53 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, WB	<b>WB :</b> rat brain tissue, HL-60 cells, mouse brain tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human prostate hyperplasia tissue,
<b>Cited Species:</b> 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**

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Kojiro Nakamura	31329160	J Clin Invest	WB
Xingxing Chen	31297954	J Cell Mol Med	WB
Hu Xu	32641583	JCI Insight	WB

## Storage

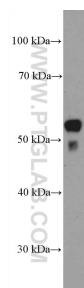
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

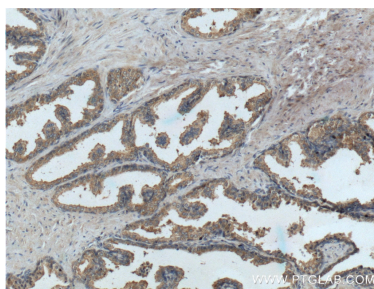
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

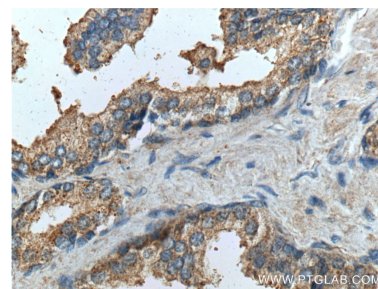
## Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 24895-1-AP (PTGER4 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 24895-1-AP (PTGER4 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 24895-1-AP (PTGER4 Antibody) at dilution of 1:200 (under 40x lens).