

For Research Use Only

# CALN1 Polyclonal antibody

Catalog Number: 11477-1-AP **5 Publications**



## Basic Information

<b>Catalog Number:</b> 11477-1-AP	<b>GenBank Accession Number:</b> BC020200	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 600 µg/ml by Nanodrop and 533 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 83698	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> calneuron 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 219 aa, 25 kDa	
<b>Immunogen Catalog Number:</b> AG2043	<b>Observed MW:</b> 25 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB: rat brain tissue, human brain tissue, mouse brain tissue IP: rat brain tissue, IHC: human prostate cancer tissue,
<b>Cited Applications:</b> IF, IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, monkey, 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
Junfen Xu	33312754	Mol Ther Nucleic Acids	WB
Hradsky Johannes J	21878631	J Biol Chem	WB, IF
Zhi-Hang Huang	36401602	J Cell Mol Med	WB

## Storage

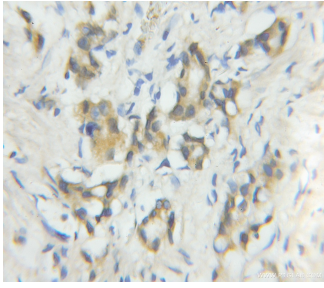
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

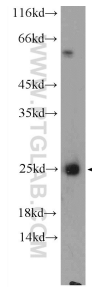
For technical support and original validation data for this product please contact:  
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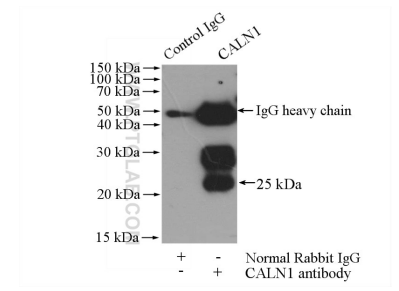
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11477-1-AP (CALN1 antibody) at dilution of 1:100 (under 10x lens).



rat brain tissue were subjected to SDS PAGE followed by western blot with 11477-1-AP (CALN1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-CALN1 (IP:11477-1-AP, 4ug; Detection:11477-1-AP 1:300) with rat brain tissue lysate 4000ug.