

For Research Use Only

# Cadherin-18 Polyclonal antibody

Catalog Number: 13091-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 13091-1-AP	<b>GenBank Accession Number:</b> BC031051	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 µg/ml by Nanodrop and 387 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1016	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:250-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> cadherin 18, type 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 790 aa, 88 kDa	
<b>Immunogen Catalog Number:</b> AG3675	<b>Observed MW:</b> 105 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : COLO 320 cells, A549 cells
<b>Cited Applications:</b> IHC, WB	<b>IHC :</b> human gliomas tissue, rat cerebellum tissue
<b>Species Specificity:</b> human, rat	
<b>Cited Species:</b> human	

**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
Julia Junghof	35110584	NPJ Regen Med	WB
Ya-Hui Bai	30078018	Cell Physiol Biochem	WB,IHC

## Storage

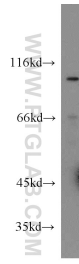
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

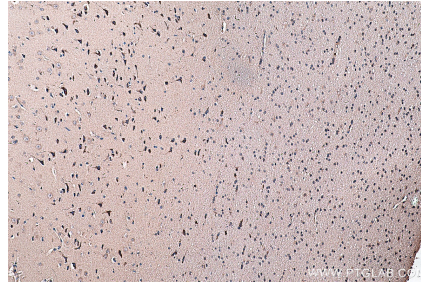
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

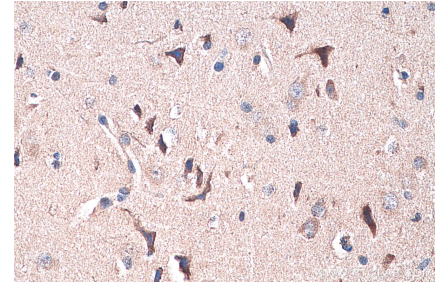
## Selected Validation Data



COLO 320 cells were subjected to SDS PAGE followed by western blot with 13091-1-AP (Cadherin-18 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13091-1-AP (Cadherin-18 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13091-1-AP (Cadherin-18 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).