

For Research Use Only

Cadherin-18 Polyclonal antibody

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



Basic Information

Catalog Number: 13091-1-AP	GenBank Accession Number: BC031051	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 ug/ml by Nanodrop and 387 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1016	Recommended Dilutions: WB 1:500-1:1000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: Q13634	
Isotype: IgG	Full Name: cadherin 18, type 2	
Immunogen Catalog Number: AG3675	Calculated MW: 790 aa, 88 kDa	
	Observed MW: 105 kDa	

Applications

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

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Notable Publications

Author	Pubmed ID	Journal	Application
Julia Junghof	35110584	NPJ Regen Med	WB
Ya-Hui Bai	30078018	Cell Physiol Biochem	WB,IHC

Storage

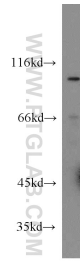
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

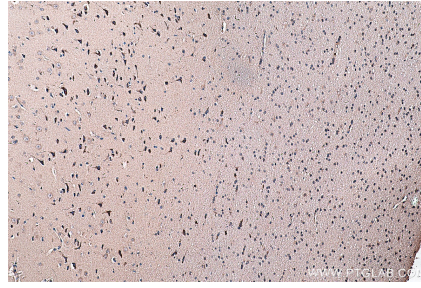
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

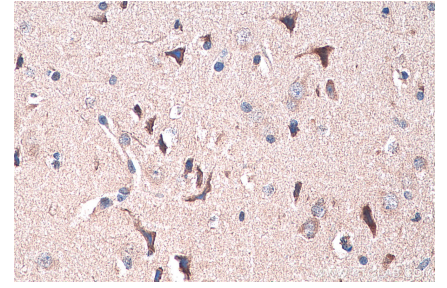
Selected Validation Data



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).