

For Research Use Only

NDRG4 Polyclonal antibody

Catalog Number: 12184-1-AP **3 Publications**



Basic Information

Catalog Number: 12184-1-AP	GenBank Accession Number: BC011795	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 65009	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500 IF 1:10-1:100
Source: Rabbit	Full Name: NDRG family member 4	
Isotype: IgG	Calculated MW: 339 aa, 37 kDa	
Immunogen Catalog Number: AG3029	Observed MW: 37 kDa, 38 kDa and 41 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : human brain tissue, mouse kidney tissue
Species Specificity: human, mouse	IHC : human medulloblastoma tissue, human colon tissue, human gliomas tissue
Cited Species: human	IF : HepG2 cells,

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
Ting Tang	34115542	DNA Cell Biol	WB
Hao-Hong Shi	33298240	BMB Rep	WB
Brian P Hermann	30404016	Cell Rep	

Storage

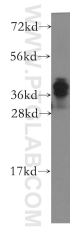
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

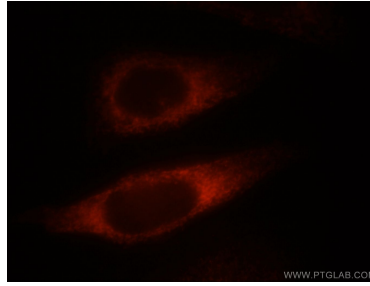
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

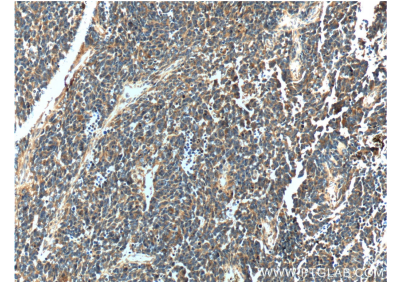
Selected Validation Data



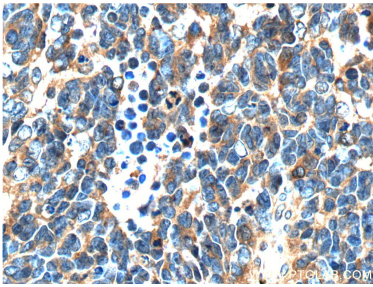
human brain tissue were subjected to SDS PAGE followed by western blot with 12184-1-AP (NDRG4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using NDRG4 antibody 12184-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human medulloblastoma tissue slide using 12184-1-AP (NDRG4 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human medulloblastoma tissue slide using 12184-1-AP (NDRG4 Antibody) at dilution of 1:200 (under 40x lens).