

For Research Use Only

# NDRG4 Polyclonal antibody

Catalog Number: 12184-1-AP

3 Publications



## Basic Information

### Catalog Number:

12184-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3029

### GenBank Accession Number:

BC011795

### GeneID (NCBI):

65009

### UNIPROT ID:

Q9ULP0

### Full Name:

NDRG family member 4

### Calculated MW:

339 aa, 37 kDa

### Observed MW:

37 kDa, 38 kDa and 41 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### 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**

### Positive Controls:

WB : human brain tissue, mouse kidney tissue

IHC : human medulloblastoma tissue, human colon tissue, human gliomas tissue

IF/ICC : HepG2 cells,

## 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

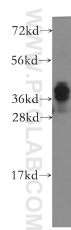
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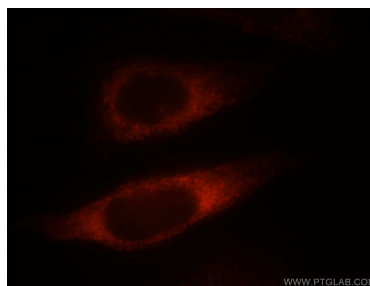
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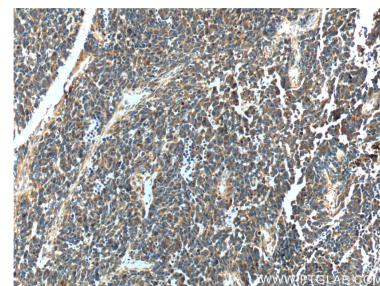
## Selected Validation Data



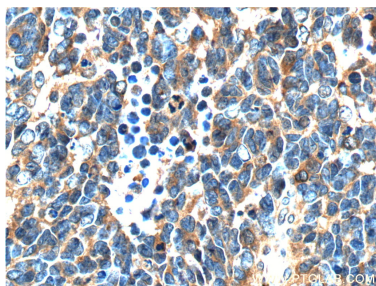
human brain tissue were subjected to SDS PAGE followed by western blot with 12184-1-AP (NDRG4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



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).