

## NDRG2 Monoclonal antibody

Catalog Number: 67191-1-Ig 1 Publications

## Basic Information

Catalog Number:

67191-1-Ig

Size:

1500 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG28612

GenBank Accession Number:

BC010458

GeneID (NCBI):

57447

UNIPROT ID:

Q9UN36

Full Name:

NDRG family member 2

Calculated MW:

371 aa, 39 kDa

Observed MW:

41 kDa

Purification Method:

Protein A purification

CloneNo.:

3E3F4

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:1000-1:4000

## Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF

Species Specificity:

Human, Rat, Mouse, Pig

Cited Species:

mouse

**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 heart tissue, pig brain tissue, rat brain tissue, mouse brain tissue, pig heart tissue, rat heart tissue

**IHC** : mouse brain tissue, mouse cerebellum tissue

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Dayun Feng	36179025	Sci Adv	IF

## Storage

Storage:

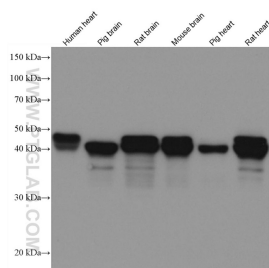
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

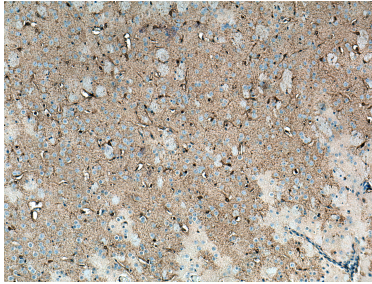
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

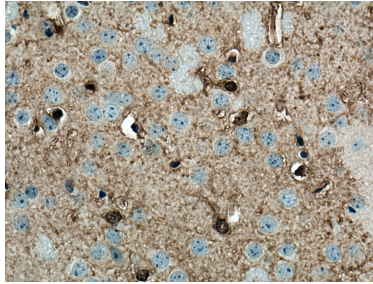
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67191-1-Ig (NDRG2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67191-1-Ig (NDRG2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67191-1-Ig (NDRG2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).