

## ARG59460 anti-NDRG2 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NDRG2
Tested Reactivity	Ms, Rat
Predict Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDRG2
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 210-247 of Human NDRG2. (NSELIQKYRNIITHAPNLDNIELYWNSYNNRRDLNFER)
Conjugation	Un-conjugated
Alternate Names	Protein Syld709613; N-myc downstream-regulated gene 2 protein; SYLD; Protein NDRG2

### Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: By heat mediation. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

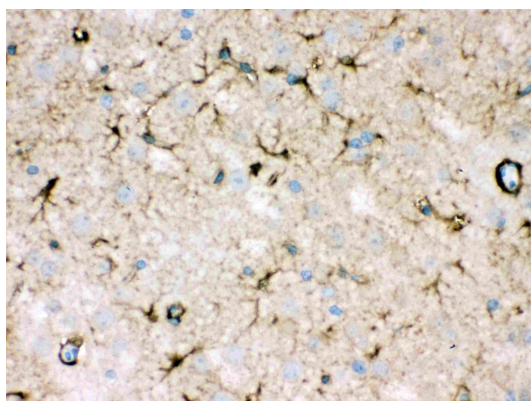
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

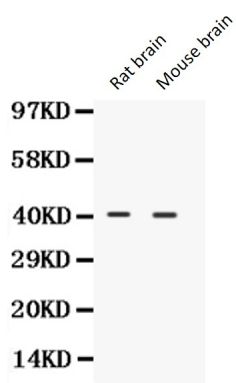
Gene Symbol	NDRG2
Gene Full Name	NDRG family member 2
Background	This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]
Function	Contributes to the regulation of the Wnt signaling pathway. Down-regulates CTNNB1-mediated transcriptional activation of target genes, such as CCND1, and may thereby act as tumor suppressor. May be involved in dendritic cell and neuron differentiation. [UniProt]
Calculated Mw	41 kDa
Cellular Localization	Cytoplasm. Cytoplasm, perinuclear region. Cell projection, growth cone. Note=In neurons, seems to concentrate at axonal growth cone. Perinuclear in neurons (By similarity). [UniProt]

## Images



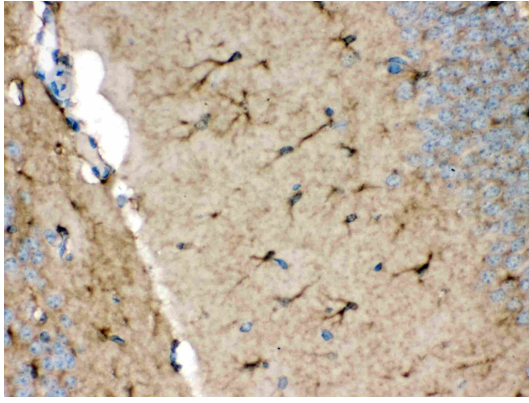
ARG59460 anti-NDRG2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain stained with ARG59460 anti-NDRG2 antibody.



ARG59460 anti-NDRG2 antibody WB image

Western blot: 50 µg of Rat brain and Mouse brain lysates stained with ARG59460 anti-NDRG2 antibody at 0.5 µg/ml dilution.



ARG59460 anti-NDRG2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain stained with ARG59460 anti-NDRG2 antibody.