

Product datasheet

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ARG59450 anti-NDRG2 antibody

Package: 50 μg Store at: -20°C

Summary

Host

Product Description Rabbit Polyclonal antibody recognizes NDRG2

Rabbit

Tested Reactivity Hu
Predict Reactivity Hm
Tested Application WB

Clonality Polyclonal

Isotype IgG

Target Name NDRG2
Species Human

Immunogen Synthetic peptide corresponding to aa. 212-230 of Human NDRG2. (ELIQKYRNIITHAPNLDNI)

Conjugation Un-conjugated

Alternate Names Protein Syld709613; N-myc downstream-regulated gene 2 protein; SYLD; Protein NDRG2

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 μg/ml
Application Note	* 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% Na2HPO4, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.

Preservative 0.05% Thimerosal and 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.

Note For laboratory research only, not for drug, diagnostic or other 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.

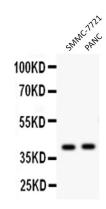
May be involved in dendritic cell and neuron differentiation. [UniProt]

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



ARG59450 anti-NDRG2 antibody WB image

Western blot: 40 μ g of SMMC-7721 and PANC whole cell lysates stained with ARG59450 anti-NDRG2 antibody at 0.5 μ g/ml dilution.