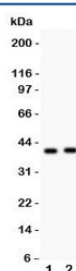


NDRG2 Antibody (R31267)

Catalog No.	Formulation	Size
R31267	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9UN36
Applications	Western Blot : 0.5-1ug/ml
Limitations	This NDRG2 antibody is available for research use only.



Western blot testing of NDRG2 antibody and Lane 1: SMMC-7721; 2: PANC lysate. Expected/observed molecular weight ~41kDa.

Description

N myc downstream regulated gene 2 is a protein that in humans is encoded by the NDRG2 gene. This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. This gene is mapped to 14q11.2. 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. It contributes to the regulation of the WNT signaling pathway. This gene may be involved in dendritic cell and neuron differentiation.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the NDRG2 antibody may be required

due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human N myc downstream regulated gene 2 (ELIQKYRNIITHAPNLDNI) was used as the immunogen for this NDRG2 antibody.

Storage

After reconstitution, the NDRG2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.