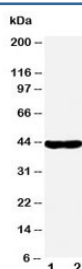


NDRG1 Antibody (R30486)

Catalog No.	Formulation	Size
R30486	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	Q92597
Localization	Cell surface, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This NDRG1 antibody is available for research use only.



Western blot testing of NDRG1 antibody and SMMC-7721 nuclear (1) and cytoplasmic (2) fraction. Predicted molecular weight ~43kDa.

Description

Protein NDRG1 is a protein that in humans is encoded by the NDRG1 gene. It is a member of the N-myc downregulated gene family which belong to the alpha/beta hydrolase superfamily. The NDRG1 gene is mapped to chromosome 8q24. It has got a deduced 394 amino acid protein with a molecular mass of 43kD. NDRG1 is expressed in the cytoplasm and basolateral membranes of gut lumen surface epithelial cells. The protein appears to play a vital role in growth arrest and cell differentiation.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the NDRG1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle region of human NDRG1 (HLFGKEEMQSNVEVVHTYRQH) was used as the immunogen for this NDRG1 antibody.

Storage

After reconstitution, the NDRG1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.