



[Go to Product page](#)

Datasheet for ABIN7268837
anti-NDRG4 antibody (AA 140-220)

4 Images

Overview

Quantity:	100 µL
Target:	NDRG4
Binding Specificity:	AA 140-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDRG4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	NDRG4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 140-220 of human NDRG4 (NP_001229765.1).
Sequence:	DPNGKGWIDW AATKLSGLTS TLPDVTLSHL FSQEELVNNT ELVQSYRQKI GNVVNQANLQ LFWNMYNSRR DLDINRPGTV P
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

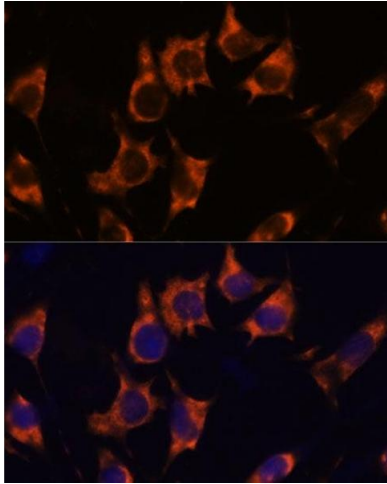
Target:	NDRG4
Alternative Name:	NDRG4 (NDRG4 Products)
Background:	This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that is required for cell cycle progression and survival in primary astrocytes and may be involved in the regulation of mitogenic signalling in vascular smooth muscles cells. Alternative splicing results in multiple transcripts encoding different isoforms.,NDRG4,BDM1,SMAP-8,SMAP8,Signal Transduction,Neuroscience,NDRG4
Molecular Weight:	37kDa/38kDa/39kDa/40kDa/42kDa
Gene ID:	65009
UniProt:	Q9ULP0

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

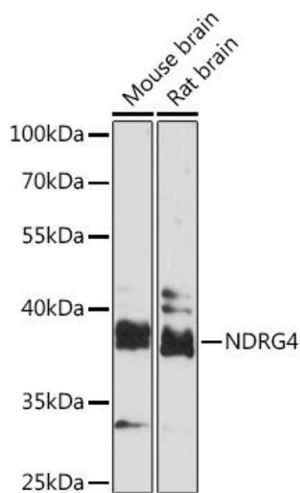
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



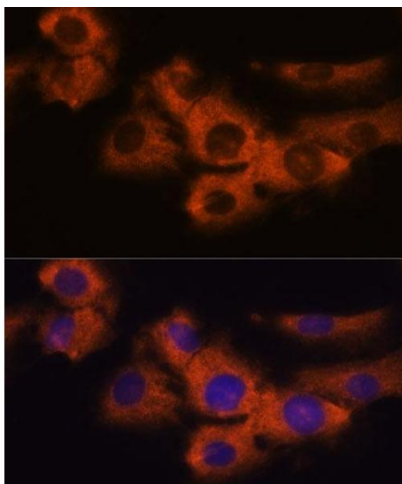
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using NDRG4 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NDRG4 Rabbit pAb at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using NDRG4 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7268837.