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anti-NDRG4 antibody (Internal Region)

2 Images



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Overview

Quantity:	100 μL	
Target:	NDRG4	
Binding Specificity:	Internal Region	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This NDRG4 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)	
Product Details		
	A distributed by NDDO4	

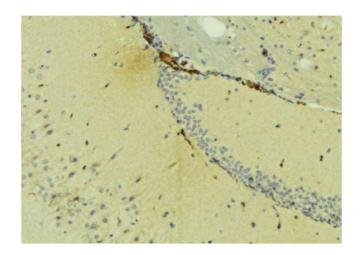
Immunogen:	A synthesized peptide derived from human NDRG4, corresponding to a region within the internal amino acids.	
Isotype:	IgG	
Specificity:	NDRG4 Antibody detects endogenous levels of total NDRG4.	
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).	

Target Details

Target:	NDRG4	

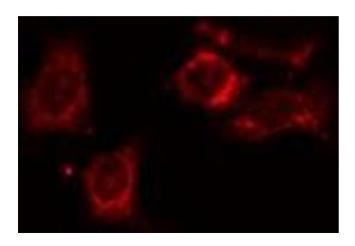
Target Details

Alternative Name:	NDRG4 (NDRG4 Products)	
Background:	Description: Contributes to the maintenance of intracerebral BDNF levels within the normal	
	range, which is necessary for the preservation of spatial learning and the resistance to neuronal	
	cell death caused by ischemic stress (By similarity). May enhance growth factor-induced ERK1	
	and ERK2 phosphorylation, including that induced by PDGF and FGF. May attenuate NGF-	
	promoted ELK1 phosphorylation in a microtubule-dependent manner.	
	Gene: NDRG4	
Molecular Weight:	34 kDa	
Gene ID:	65009	
UniProt:	Q9ULP0	
Application Details		
Application Notes:	WB 1:500-1:1000, IHC: 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %	
	glycerol.	
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. Stable for 12 months from date of receipt.	
Expiry Date:	12 months	



Immunohistochemistry

Image 1. ABIN6275406 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Immunofluorescence (fixed cells)

Image 2. ABIN6275406 staining HT29 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod