

NDRG2 rabbit pAb**Cat#: orb769771 (Manual)**

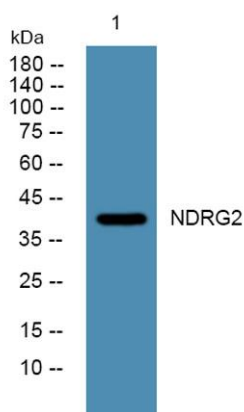
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Product Name	NDRG2 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from NDRG2 . at AA range: 10-90
Specificity	NDRG2 Polyclonal Antibody detects endogenous levels of NDRG2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein NDRG2
Gene Name	NDRG2
Cellular localization	Cytoplasm. Cytoplasm, perinuclear region. Cell projection, growth cone . In neurons, seems to concentrate at axonal growth cone. Perinuclear in neurons (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	57447
Human Swiss-Prot Number	Q9UN36
Alternative Names	NDRG2; KIAA1248; SYLD; Protein NDRG2; N-myc downstream-regulated gene 2 protein; Protein Syld709613

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],



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).