

## NDRG1 RABBIT PAB

**Cat.#:** S220133

**Product Name:** Anti-NDRG1 Rabbit Polyclonal Antibody

**Synonyms:** GC4, RTP, DRG1, NDR1, NMSL, TDD5, CAP43, CMT4D, DRG-1, HMSNL, RIT42, TARG1, PROXY1

**UNIPROT ID:** Q92597 (Gene Accession - NP\_006087 )

**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 involved in stress responses, hormone responses, cell growth, and differentiation. The encoded protein is necessary for p53-mediated caspase activation and apoptosis. Mutations in this gene are a cause of Charcot-Marie-Tooth disease type 4D, and expression of this gene may be a prognostic indicator for several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

**Immunogen:** Synthetic peptide of human NDRG1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

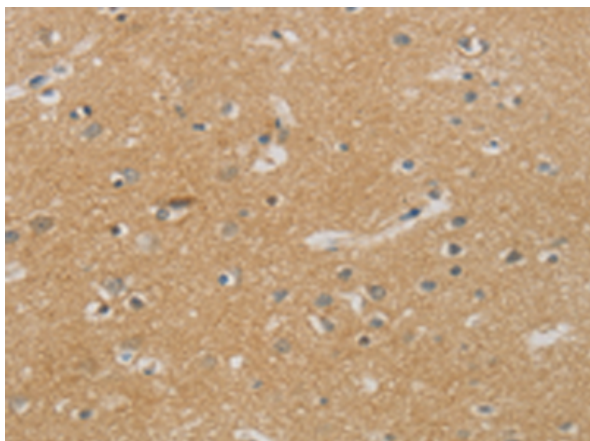
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

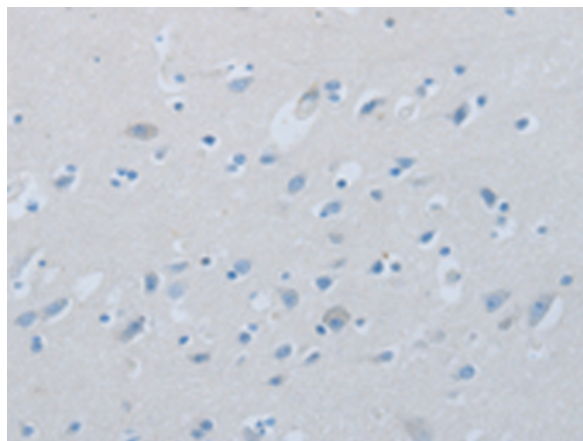
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Cardiovascular, Cancer, Neuroscience

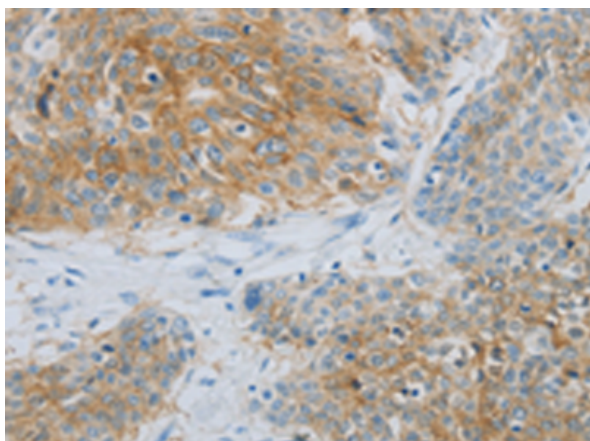
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



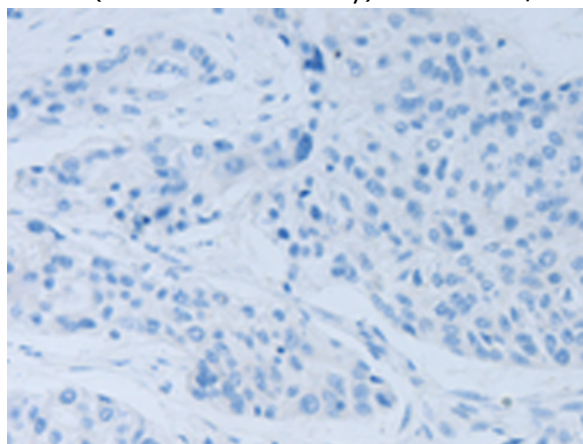
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220133(NDRG1 Antibody) at a dilution of 1/70(Cytoplasm).



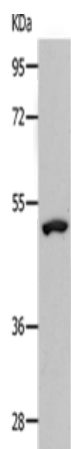
In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220133(Anti-NDRG1 Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 220133(Anti-NDRG1 Antibody) at a dilution of 1/70.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D261013(Anti-NDRG1 Antibody) at dilution 1/70.



Gel: 10%SDS-PAGE, Lysate: 40 µg;  
Lane: Human lymphoma tissue;  
Primary antibody: 220133(NDRG1 Antibody) at dilution 1/1000;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 10 minutes



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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