

NDRG1 Antibody

CAB2142

Description

This NDRG1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB2142

Contents: 20 μ L, 100 μ L

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: GC4, RTP, DRG1, NDR1, NMSL, TDD5, CAP43, CMT4D, DRG-1, HMSNL, RIT42, TARG1, PROXY1, G1

Clone: -

Applications: WB IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 10397

Uniprot: AB_2764161

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 48kDa

Calculated MW: 43kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

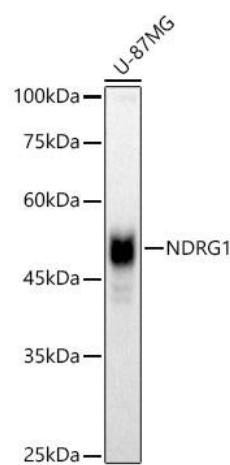
Positive Sample: U-87MG, RAW264.7

Recommended Dilutions:

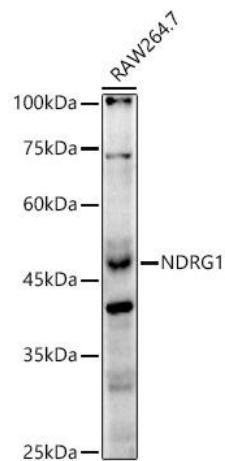
WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

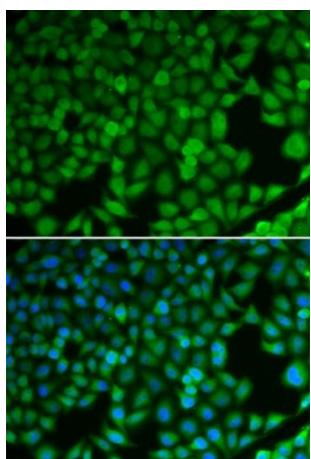
Validation Data



Western blot analysis of lysates from U-87MG cells, using [KO Validated] NDRG1 Rabbit pAb (CAB2142) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Western blot analysis of lysates from RAW264.7 cells, using [KO Validated] NDRG1 Rabbit pAb (CAB2142) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 120s.



Immunofluorescence analysis of U2OS cells using [KO Validated] NDRG1 Rabbit pAb (CAB2142). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.