

Anti-NDRG1 / CAP43 antibody



Catalog Number: 104539

Product name

Anti-NDRG1 / CAP43 antibody

Immunogen

[Human NDRG1 / CAP43 \(His Tag\) recombinant protein](#)

Specificity

Human NDRG1 / CAP43

Antibody description

Rabbit polyclonal to NDRG1 / CAP43

Preparation

Produced in rabbits immunized with purified, recombinant Human NDRG1 / CAP43 (rh NDRG1 / CAP43; Q92597; Met1-Cys394). NDRG1 / CAP43 specific IgG was purified by Human NDRG1 / CAP43 affinity chromatography.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC-P, IP

Dilutions

WB: 5-10 µg/mL

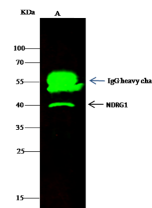
ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Human NDRG1 / CAP43. The detection limit for Human NDRG1 / CAP43 is < 0.039 ng/well.

IHC-P: 0.05-0.5 µg/mL

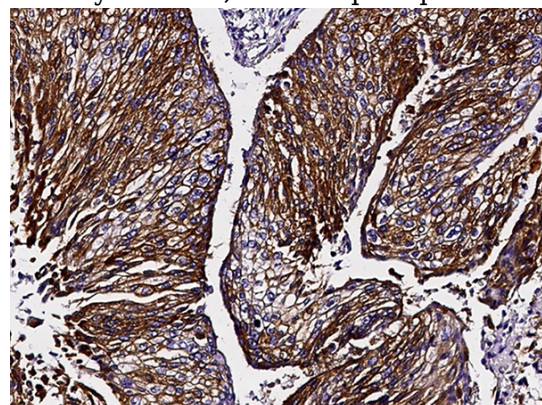
IP: 1-4 µg/mg of lysate

Validations



Item	Lanes	A
Sample (whole cell lysate)		HepG2
Sample quantity		0.5 mg
IP antibody quantity		2 µg
Protein G agarose		15 µl of 50% Protein G Agarose
Gel		13% SDS-PAGE reducing gel
Primary antibody		NDRG1 antibody at 5 µg/ml
Secondary antibody		Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

NDRG1 / CAP43 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation

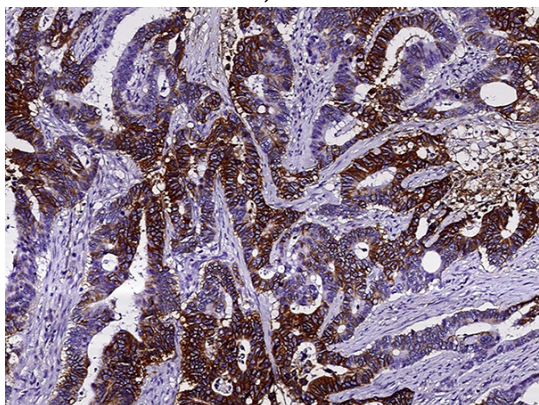


NDRG1 / CAP43 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry

Anti-NDRG1 / CAP43 antibody

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Immunochemical staining of human NDRG1 in human lung cancer with rabbit polyclonal antibody (0.05 $\mu\text{g}/\text{mL}$, formalin-fixed paraffin embedded sections).

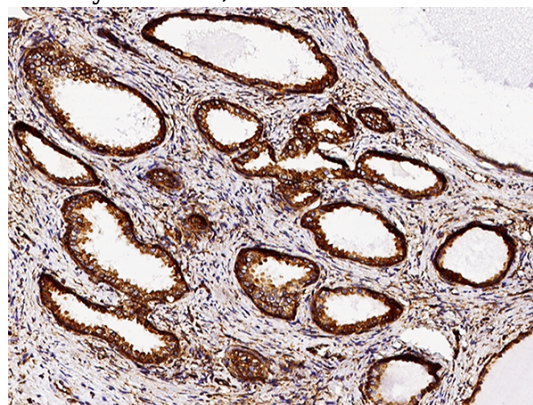


NDRG1 / CAP43 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry

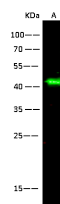
Immunochemical staining of human NDRG1 in human colon carcinoma with rabbit polyclonal antibody (0.05 $\mu\text{g}/\text{mL}$, formalin-fixed paraffin

embedded sections).

NDRG1 / CAP43 Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot



NDRG1 / CAP43 Antibody, Rabbit PAb, Antigen Affinity Purified, Immunohistochemistry



Lanes	A
Items	HepG2
Sample (whole cell lysate)	
Sample Volume ($\mu\text{g}/\text{lane}$)	30
Gel	13% SDS-PAGE reducing gel
Recommended Concentration	5-10 $\mu\text{g}/\text{ml}$
Secondary Antibody	Dylight 800-labeled Antibody to Rabbit IgG (H+L), at 1:5000 dilution.
Developed using Odyssey imaging system.	
Explanation	Predicted band size : 43 kDa Observed band size : 43 kDa