

Rabbit anti-Human NDRG4 Polyclonal Antibody | anti-NDRG4 antibody

Anti-NDRG4 Antibody, Rabbit Polyclonal

CATALOG # AAA256601	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

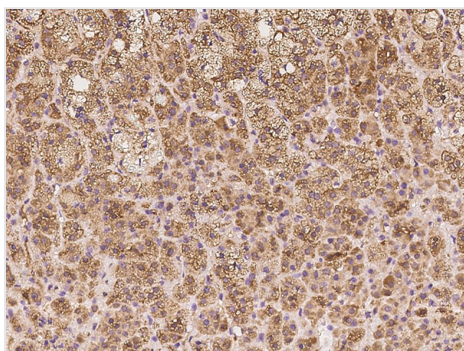
PRODUCT SYNONYMS

NDRG4; Polyclonal Antibody; Anti-NDRG4 Antibody; Rabbit Polyclonal; NDRG4 Antibody; Rabbit PAb; Antigen Affinity Purified; NDRG family member 4; Anti-BDM1 Antibody; Anti-SMAP-8 Antibody; Anti-SMAP8 Antibody; anti-NDRG4 antibody

PRODUCT SPECIFICATIONS

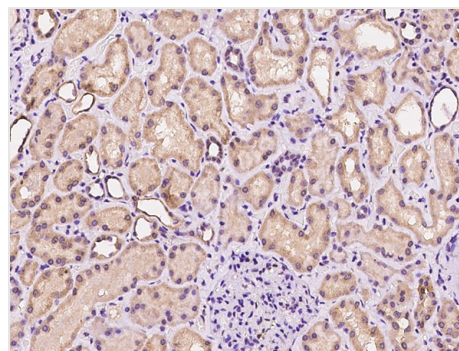
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NDRG4
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-NDRG4 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human NDRG4 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human NDRG4 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human NDRG4 in human adrenal gland with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human NDRG4 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-NDRG4 antibody	N-Myc downstream-regulated gene 4 (NDRG4) is predominantly expressed in the brain as well as in the heart and has been reported to be involved in resistance to neuronal cell death caused by ischemic injury. NDRG4 is a member of the N-Myc downregulated gene family (NDRG) belonging to the alpha/beta hydrolase superfamily. NDRG4 plays an important role in biological processes and pathogenesis. For example, NDRG4 is a tumor suppressor that participates in cell survival, tumor invasion, and angiogenesis. As a novel candidate tumor suppressor, NDRG4 can inhibit PI3K/AKT signal which is related to energy balance and related carcinogenesis. NDRG4 is a candidate tumor suppressor gene in colorectal cancer whose expression is frequently inactivated by promoter methylation. NDRG4 promoter methylation is a potential biomarker for the noninvasive detection of colorectal cancer in stool samples.
References	Zhu M, et al. (2017) NdrG4 promotes myogenesis via akt/creb activation. Oncotarget 8 (60): 101720-101734. Zheng J, et al. (2016) NdrG4 stratifies the prognostic value of body mass index in colorectal cancer. Oncotarget 7 (2): 1311-1322. Wen L, et al. (2019) NdrG4 protects against cerebral ischemia injury by inhibiting p53-mediated apoptosis. Brain Res Bull 146 104-111. Melotte V, et al. (2009) N-myc downstream-regulated gene 4 (ndrg4): A candidate tumor suppressor gene and potential biomarker for colorectal cancer. J Natl Cancer Inst 101 (13): 916-927.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndrg4-antibody-immunohistochemistry-elisa/256601>