

Rabbit anti-Human NUSAP1 Polyclonal Antibody | anti-NUSAP1 antibody

Anti-NUSAP1 Antibody, Rabbit Polyclonal

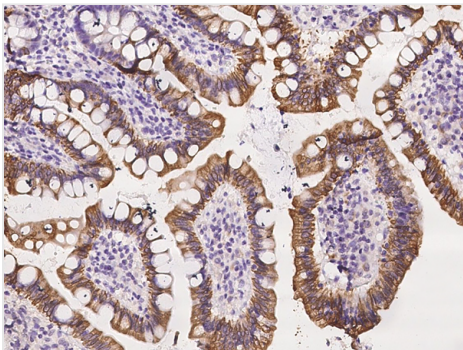
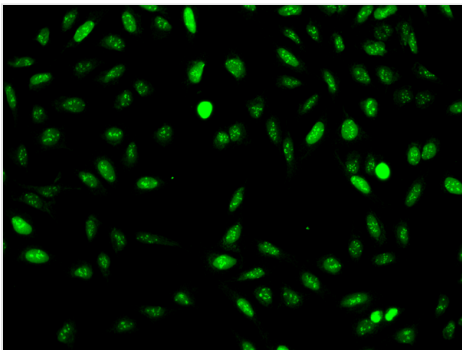
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256836	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

NUSAP1; Polyclonal Antibody; Anti-NUSAP1 Antibody; Rabbit Polyclonal; NUSAP1 Antibody; Rabbit PAb; Antigen Affinity Purified; nucleolar and spindle associated protein 1; Anti-ANKT Antibody; Anti-BM037 Antibody; Anti-LNP Antibody; Anti-NUSAP Antibody; Anti-PRO0310p1 Antibody; Anti-Q0310 Antibody; Anti-SAPL Antibody; anti-NUSAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NUSAP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-NUSAP1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human NUSAP1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human NUSAP1 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.



IF (Immunofluorescence)

Immunofluorescence staining of NUSAP1 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human NUSAP1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.

IHC (Immunohistochemistry)

Immunochemical staining of human NUSAP1 in human small intestine with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-NUSAP1 antibody	Nucleolar and spindle-associated protein (NUSAP1) is a microtubule and chromatin-binding protein that stabilizes microtubules to prevent depolymerization, maintains spindle integrity. NUSAP1 could cross-link spindles into aster-like structures, networks, and fibers. NUSAP1 is an indispensable mitotic regulator. NUSAP1 is a microtubule-associated protein involved in mitosis. Aberrant NUSAP1 expression is associated with perturbed mitosis and tumorigenesis. It has also been found to plays essential roles in diverse biological processes, especially in cancer biology. Nucleolar and spindle-associated protein 1 (NUSAP1) has been identified to be strongly implicated in the carcinogenesis of cervical carcinoma, breast cancer, and liver cancer, and shows a high expression level in bladder cancer, indicating that NUSAP1 might be a potent target for cancer treatment.
References	Qian Z, et al. (2018) Prognostic value of nusap1 in progression and expansion of glioblastoma multiforme. J Neurooncol 140 (2): 199-208.Liu Z, et al. (2018) High nusap1 expression predicts poor prognosis in colon cancer. Pathol Res Pract 214 (7): 968-973.Chen Y, et al. (2020) Microrna-769-5p suppresses cell growth and migration via targeting nusap1 in bladder cancer. J Clin Lab Anal 34 (5): e23193.

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.