

Rabbit anti-Human SPATS2 Polyclonal Antibody | anti-SPATS2 antibody

Anti-SPATS2 Antibody, Rabbit Polyclonal

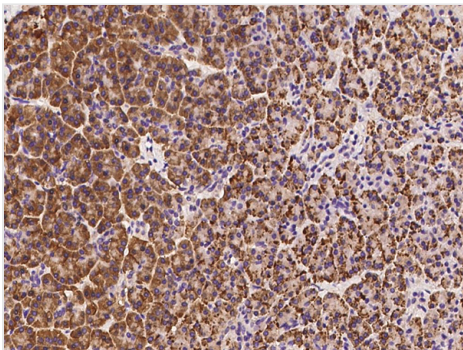
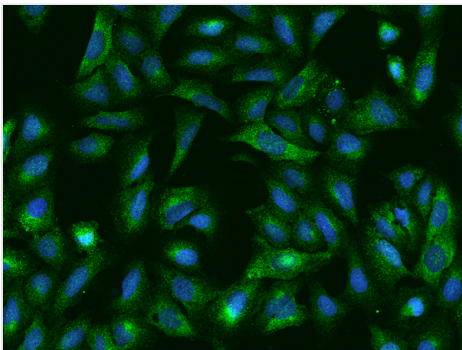
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256410	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

SPATS2; Polyclonal Antibody; Anti-SPATS2 Antibody; Rabbit Polyclonal; SPATS2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-Nbla00526 Antibody; Anti-P59SCR Antibody; Anti-SCR59 Antibody; Anti-SPATA10 Antibody; anti-SPATS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SPATS2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SPATS2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human SPATS2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SPATS2 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 SPATS2 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 SPATS2 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) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.

IHC (Immunohistochemistry)

Immunochemical staining of human SPATS2 in human pancreas with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SPATS2 antibody	The spermatogenesis associated serine rich 2 (SPATS2), which is predicted as a cytoplasmic RNA-binding protein, is initially discovered in testis and plays an important role in spermatogenesis. Spermatogenesis associated serine rich 2 (SPATS2) is most expressed in adult testis and slightly expressed in liver and other tissues. SPATS2 is involved in sperm development, and subsequently found that it promotes the progression of prostate cancer. SPATS2 has a basic amino acid-rich region, is rich in serine residues, and contains 4 predicted N-glycosylation sites. SPATS2 was identified as a novel biomarker in squamous cell carcinoma. SPATS2 is associated with colorectal, prostate and liver cancer.
References	Xing J, et al. (2020) Comprehensive evaluation of spats2 expression and its prognostic potential in liver cancer. Medicine (Baltimore) 99 (9): e19230.Senoo M, et al. (2002) Identification of a novel protein p59(scr), which is expressed at specific stages of mouse spermatogenesis. Biochem Biophys Res Commun 292 (4): 992-998.

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.