

Rabbit anti-Human NR5A2 Polyclonal Antibody | anti-NR5A2 antibody

Anti-NR5A2 Antibody, Rabbit Polyclonal

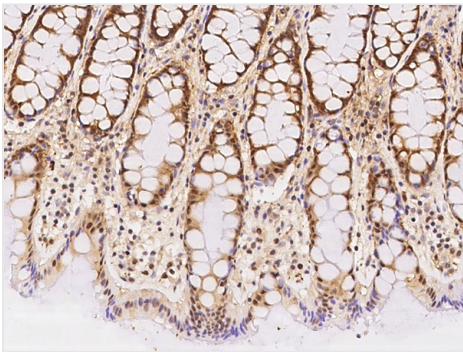
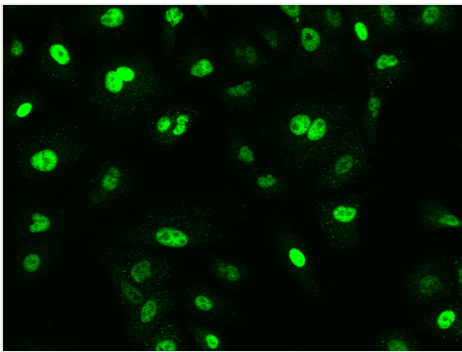
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256202	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

NR5A2; Polyclonal Antibody; Anti-NR5A2 Antibody; Rabbit Polyclonal; NR5A2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-B1F Antibody; Anti-B1F2 Antibody; Anti-CPF Antibody; Anti-FTF Antibody; Anti-FTZ-F1 Antibody; Anti-FTZ-F1beta Antibody; Anti-hB1F-2 Antibody; Anti-LRH-1 Antibody; Anti-LRH1 Antibody; anti-NR5A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NR5A2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-NR5A2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human NR5A2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human NR5A2 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 NR5A2 in A549 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 NR5A2 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 NR5A2 in human rectum with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-NR5A2 antibody	Nr5a2 (nuclear receptor subfamily 5 group A member 2, also known as LRH-1), which belongs to the NR5A (Fitz-F1) subfamily of nuclear receptors, is a key regulator in stem cell pluripotency and the development of several types of cancer. NR5A2 is an orphan nuclear hormone receptor that is involved in regulating embryonic development, ovarian granulosa cell differentiation, gonadal sex differentiation, and steroidogenesis in mammals. NR5A2 protein is a transcription factor and either activates or inhibits transcription through actions at hundreds of enhancers. It has unusual properties with effects appearing in multiple signaling networks. NR5A2 is a pluripotency reprogramming factor in the class nuclear receptor. Its controlling hormone is PIP3. Experiments suggest NR5A2 activation drives PDAC and inhibitors blunt cancer cell proliferation.
References	Li Y, et al. (2019) A t >g mutation in the nr5a2 gene is associated with litter size in hu sheep through upregulation of promoter activity by transcription factor mtf-1. Front Genet 10 1011.Fletterick R (2017) Nr5a2 discovering compounds that block tumor growth in pdac. J Surg Oncol 116 (1): 89-93.Cobo I, et al. (2018) Transcriptional regulation by nr5a2 links differentiation and inflammation in the pancreas. Nature 554 (7693): 533-537.

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.