

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

Anti-ASTL Antibody, Rabbit Polyclonal

CATALOG # AAA256736	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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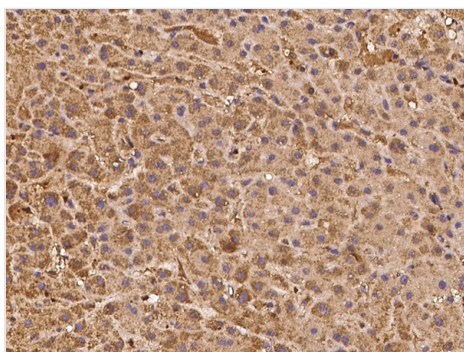
PRODUCT SYNONYMS

ASTL; Polyclonal Antibody; Anti-ASTL Antibody; Rabbit Polyclonal; ASTL Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-SAS1B Antibody; anti-ASTL antibody

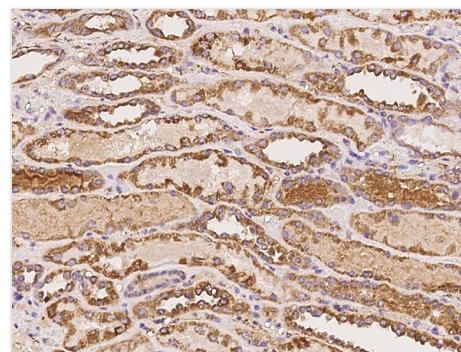
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ASTL
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ASTL antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human ASTL fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ASTL 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 ASTL in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ASTL antibody	SAS1B (sperm acrosomal SLLP1 binding protein; aka ovastacin, ASTL, GenBank ID NM_001002036.3) is an oocyte membrane-associated zinc metalloprotease binding partner for a sperm ligand which contributes to fertilization and also plays a role in the block to polyspermy. SAS1B, a 46 kDa protein, is comprised of a signal peptide at the N-terminus, pro-peptide, proteinase domain containing a Hex-box catalytic site, and a unique C-terminal domain. Among normal tissues, SAS1B expression is limited to the ovary, specifically to oocytes at or beyond the secondary follicle stage, and is absent in the quiescent ovarian reserve. In addition to localization within the ovary, SAS1B has also been shown to be expressed in a majority uterine tumors (66-85%). SAS1B represents one of the first defined antigens in a new class of cancer-oocyte antigens.
References	Knapp KA, et al. (2018) Evaluation of sas1b as a target for antibody-drug conjugate therapy in the treatment of pancreatic cancer. Oncotarget 9 (10): 8972-8984.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/astl-antibody-immunohistochemistry-elisa/256736>