

Rabbit anti-Human SERBP1 Polyclonal Antibody | anti-SERBP1 antibody

Anti-SERBP1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259015	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

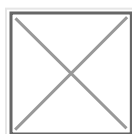
PRODUCT SYNONYMS

SERBP1; Polyclonal Antibody; Anti-SERBP1 Antibody; Rabbit Polyclonal; SERPINE1 mRNA binding protein 1; Anti-CGI-55 Antibody; Anti-CHD3IP Antibody; Anti-HABP4L Antibody; Anti-PAI-RBP1 Antibody; Anti-PAIRBP1 Antibody; anti-SERBP1 antibody

PRODUCT SPECIFICATIONS

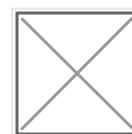
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SERBP1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SERBP1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E coli-derived Human SERBP1 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human SERBP1 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. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of SERBP1 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human SERBP1 polyclonal antibody (dilution ratio 1:100) at 4? 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 SERBP1 in human thyroid gland with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-SERBP1 rabbit polyclonal antibody at 1:2000 dilution
Lane A: HepG2 Whole Cell Lysate
Lane B: HeLa Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
Developed using the ECL technique.
Performed under reducing conditions.
Predicted band size: 45 kDa
Observed band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SERBP1 antibody	SERPINE1 mRNA-binding protein 1 (SERBP1) is an arginine-methylated RNA-binding protein whose modification affects protein interaction and intracellular localization. SERBP1, a protein that is supposed to regulate the stability of PAI-1 mRNA, may play a role in gynecological cancers as well since upregulation of SERBP1 was described in ovarian cancer. SERBP1 is an RNA-binding protein containing an RG-rich domain and an RGG box domain that might be methylated by protein arginine N-methyltransferases (PRMTs). SERBP1 is the first example of an RNA-binding protein functioning as a central regulator of cancer metabolism and an indirect modulator of epigenetic regulation in glioblastoma (GBM). By bridging these two processes, SERBP1 enhances glioma stem cell phenotypes and contributes to GBM's poorly differentiated state.
References	Serce NB, et al. (2012) Overexpression of serbp1 (plasminogen activator inhibitor 1 rna binding protein) in human breast cancer is correlated with favourable prognosis. BMC Cancer 12 597. Lee YJ, et al. (2014) Localization of serbp1 in stress granules and nucleoli. Febs j 281 (1): 352-364. Lee YJ, et al. (2012) Protein arginine methylation of serbp1 by protein arginine methyltransferase 1 affects cytoplasmic/nuclear distribution. J Cell Biochem 113 (8): 2721-2728. Kosti A, et al. (2020) The rna-binding protein serbp1 functions as a novel oncogenic factor in glioblastoma by bridging cancer metabolism and epigenetic regulation. Genome Biol 21 (1): 195.

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/serbp1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/259015>