

Mouse anti-Human SERBP Monoclonal Antibody | anti-SERBP1 antibody

SERBP1/PAI-RBP1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215401	Mouse	Human	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

SERBP; Monoclonal Antibody; SERBP1/PAI-RBP1; CGI 55; CHD3IP; Chromodomain helicase DNA binding protein 3 interacting protein; HABP4L; PAI1 RNA-binding protein 1; PAIRBP1; Plasminogen activator inhibitor 1 RNA binding protein; SERPINE1 mRNA binding protein 1; anti-SERBP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	SERBP1/3492
Specificity	SERBP1 is a membrane-associated protein that localizes to the nucleus, the perinuclear region of the cytoplasm and the plasma membrane. It is believed to play a role in the regulation of mRNA stability, as it specifically binds to the CRS (cyclic nucleotide-responsive sequence) motif of the PAI-1 mRNA and acts to stabilize the mRNA and regulate its expression. In addition, SERBP1 interacts with Mi2-s antiapoptotic action in ovarian cell types. SERBP1 is overexpressed in ovarian cancer, suggesting a possible role in tumorigenesis and tumor metastasis.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml or Purified Ab with BSA and Azide at 200ug/ml or Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	408
Applicable Applications for anti-SERBP1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Recombinant fragment of Human SERBP1 protein (around aa3-139) (exact sequence is proprietary)
Cellular Localization	Cytoplasm and Nucleus. Also found in Perinuclear regions.
Hu-chromosome Location	1p31.3
Positive Control	K562 or PC3 cells. Human kidney or Bladder tissue (IHC).
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



WB (Western Blot)
Western Blot Analysis of K562 and PC3 cell lysate using SERBP1 Mouse Monoclonal Antibody (SERBP1/3492).



Application Data
Analysis of Protein Array containing more than 19,000 full-length human proteins using SERBP1 Mouse Monoclonal Antibody (SERBP1/3492). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE
SDS-PAGE Analysis Purified SERBP1 Mouse Monoclonal Antibody (SERBP1/3492). Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Urothelial Carcinoma stained with SERBP1 Mouse Monoclonal Antibody (SERBP1/3492).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Urothelial Carcinoma stained with SERBP1 Mouse Monoclonal Antibody (SERBP1/3492).

ADDITIONAL INFORMATION

References	Heaton, J.H., et al. 2001. Journal of Biological Chemistry 276: 3341-3347.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	66346679
NCBI GeneID	26135
NCBI Accession #	NP_001018077
NCBI GenBank Nucleotide #	NP_001018077.1
UniProt Accession #	Q8NC51
Molecular Weight	60kDa
NCBI Official Full Name	plasminogen activator inhibitor 1 RNA-binding protein isoform 1
NCBI Official Synonym Full Names	SERPINE1 mRNA binding protein 1
NCBI Official Symbol	SERBP1
NCBI Official Synonym Symbols	CGI-55; CHD3IP; HABP4L; PAIRBP1; PAI-RBP1
NCBI Protein Information	plasminogen activator inhibitor 1 RNA-binding protein
UniProt Protein Name	Plasminogen activator inhibitor 1 RNA-binding protein

UniProt Gene Name	SERBP1
UniProt Synonym Gene Names	PAIRBP1; PAI-RBP1
UniProt Entry Name	PAIRB_HUMAN

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/monoclonal/serbp-antibody-clone-serbp1-3492-western-blot-immunohistochemistry-elisa/215401>