

Rabbit FSP1/S100A4 Polyclonal Antibody | anti-FSP1/S100A4 antibody

FSP1/S100A4 Rabbit pAb

CATALOG # AAA282270	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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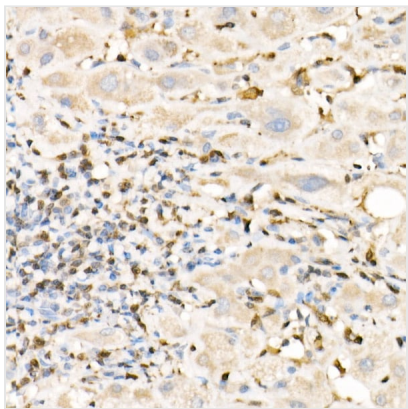
PRODUCT SYNONYMS

FSP1/S100A4; Polyclonal Antibody; FSP1/S100A4 Rabbit pAb; S100A4; 18A2; 42A; CAPL; FSP1; MTS1; P9KA; PEL98; protein S100-A4; anti-FSP1/S100A4 antibody

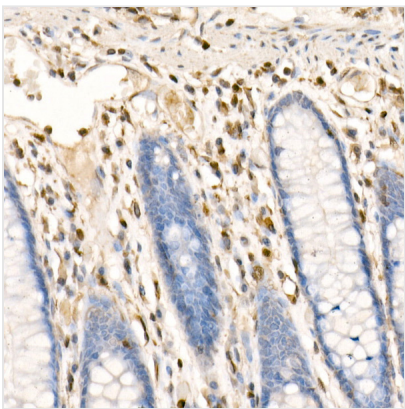
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Sequence	MEGSKTSNNS TMQVSFVCQR CSQPLKLDTS FKILDRVTIQ ELTAPLLTTA QAKPGETQEE ETNSGEEPFI ETPRQDGVSR RFIPPARMMS TESANSFTLI GEASDGGTME NLSRRLKVTG DLFDIMSGQT DVDHPLCEEC TDTLLDQLDT QLNVTENECQ NYKRCLEILE QMNEDDSEQL QMELKELALE EERLIQELED VEKNRKIVAE NLEKVQAEAE RLDQEEAQYQ REYSEFKRQQ LELDDELKSV ENQMRYAQTQ LDKLKKTNVF NATFHIWHSG
Applicable Applications for anti-FSP1/S100A4 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-101 of human FSP1/S100A4 (NP_002952.1).
Cellular Location	extracellular exosome, extracellular region, extracellular space, neuron projection, nucleus, perinuclear region of cytoplasm
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

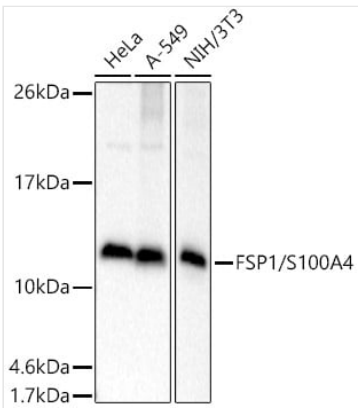
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human liver using FSP1/S100A4 Rabbit pAb at dilution of 1:150 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human colon using FSP1/S100A4 Rabbit pAb at dilution of 1:150 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using FSP1/S100A4 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-FSP1/S100A4 antibody	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-FSP1/S100A4 antibody	Epigenetics & Nuclear Signaling; RNA Binding; Cancer; Invasion and Metastasis; Signal Transduction; Cell Biology & Developmental Biology; Extracellular Matrix; Neuroscience; Calcium Signaling; Cardiovascular; Angiogenesis; Heart; Cardiogenesis; Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	4680381
NCBI GeneID	8678
UniProt Accession #	Q14457; O75595; Q9UNA8
Molecular Weight	51,896 Da

NCBI Official Full Name	beclin 1
NCBI Official Synonym Full Names	beclin 1, autophagy related
NCBI Official Symbol	BECN1
NCBI Official Synonym Symbols	ATG6; VPS30; beclin1
NCBI Protein Information	beclin-1; ATG6 autophagy related 6 homolog; coiled-coil myosin-like BCL2-interacting protein; beclin 1 (coiled-coil, moesin-like BCL2 interacting protein); beclin 1 (coiled-coil, moesin-like BCL2-interacting protein)
UniProt Protein Name	Beclin-1
UniProt Gene Name	BECN1
UniProt Synonym Gene Names	GT197
UniProt Entry Name	BECN1_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://www.aaabiotech.com/polyclonal/fsp1-s100a4-antibody-western-blot-elisa/282270>