

Rabbit S100A4 Polyclonal Antibody | anti-S100A4 antibody

S100A4 Polyclonal Antibody

CATALOG # AAA177918	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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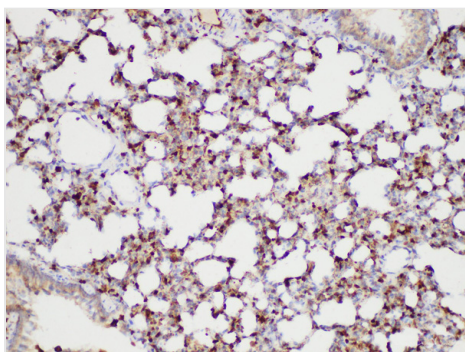
PRODUCT SYNONYMS

S100A4; Polyclonal Antibody; S100A4 Polyclonal Antibody; 18A2; 42A; calcium Placental protein; Calvasculin; CAPL; Fibroblast specific protein 1; FSP1; Leukemia multidrug resistance associated protein; Malignant transformation suppression 1; Metastasin; MTS1; OTTHUMP00000015467; OTTHUMP00000015468; P9KA; PEL98; Placental calcium-binding protein; Protein Mts1; Protein S100 A4; S100 calcium binding protein A4; S100a4; anti-S100A4 antibody

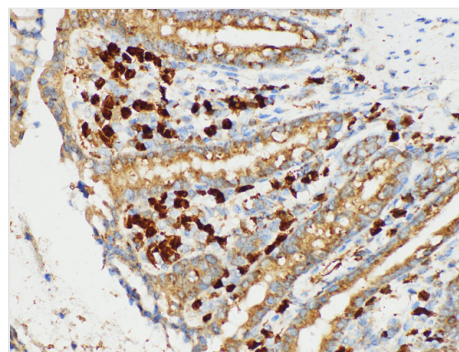
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Concentration	0.48mg/mL (varies by lot)
Applicable Applications for anti-S100A4 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Mouse Protein S100-A4 protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

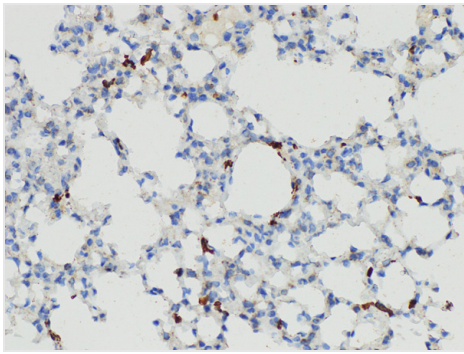
IMAGES


IHC (Immunohistochemistry)

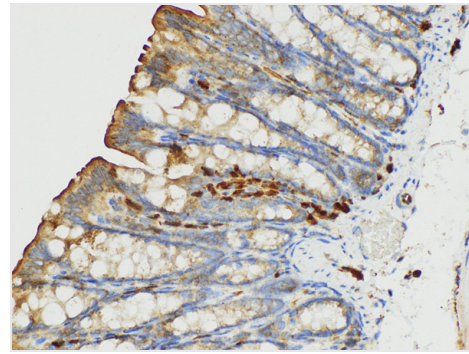
Immunohistochemistry of paraffin-embedded Rat lung using S100A4 Polyclonal Antibody at dilution of 1:50


IHC (Immunohistochemistry)

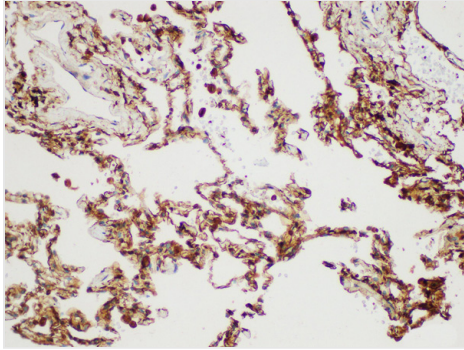
Immunohistochemistry of paraffin-embedded Rat colon using S100A4 Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Mouse lung using S100A4 Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Mouse colon using S100A4 Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human lung using S100A4 Polyclonal Antibody at dilution of 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-S100A4 antibody	S100A4 is a member of the S100 family of calcium-binding proteins. The S100 family members have been involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100A4 is known to localize to and function in the nucleus, cytoplasm of cells and the extracellular space. S100A4 has also been shown to be associated with tumor growth, motility, invasion, metastasis, angiogenesis, apoptosis and chemoresistance. It is a fibroblast-specific protein associated with mesenchymal cell morphology and motility, is expressed during epithelial-mesenchymal transformations (EMT) in vivo. It is an improved marker for lung fibroblasts that could be useful for investigating the pathogenesis of pulmonary fibrosis. Overexpression of S100A4 is correlated with a worse prognosis in patients with various types of cancer.
Product Categories/Family for anti-S100A4 antibody	Cardiovascular ; Signal Transduction ; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	33859624
NCBI GeneID	20198
NCBI Accession #	NP_035441.1
NCBI GenBank Nucleotide #	NM_011311.2
UniProt Accession #	P07091 ; P20066
Molecular Weight	11,721 Da
NCBI Official Full Name	protein S100-A4
NCBI Official Synonym Full Names	S100 calcium binding protein A4
NCBI Official Symbol	S100a4

NCBI Official Synonym Symbols	42a; 18A2; Capl; FSp1; Mts1; pk9a; PeL98; metastasin
NCBI Protein Information	protein S100-A4; S100 calcium-binding protein A4; calvasculin; metastatic cell protein; placental calcium-binding protein; protein 18A2; protein Mts1
UniProt Protein Name	Protein S100-A4
UniProt Gene Name	S100a4
UniProt Synonym Gene Names	Capl; Mts1
UniProt Entry Name	S10A4_MOUSE

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://www.aaabiotech.com/polyclonal/s100a4-antibody-immunohistochemistry-elisa/177918>