

Rabbit S100A8 Polyclonal Antibody | anti-S100A8 antibody

S100A8 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30576	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

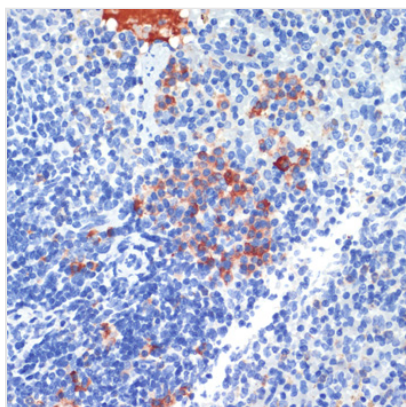
PRODUCT SYNONYMS

S100A8; Polyclonal Antibody; S100A8 Polyclonal Antibody; 60B8AG; CAGA; CFAG; CGLA; CP-10; L1Ag; MA387; MIF; MRP8; NIF; P8; anti-S100A8 antibody

PRODUCT SPECIFICATIONS

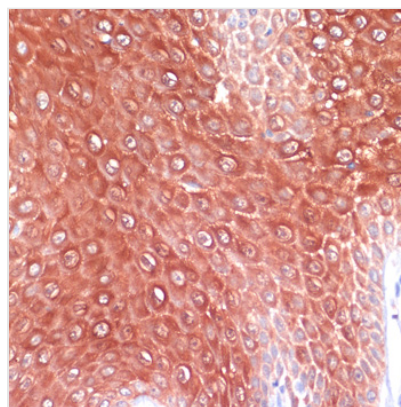
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 102% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.55
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-S100A8 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:100
Immunogen	Recombinant fusion protein of human S100A8 (NP_002955.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



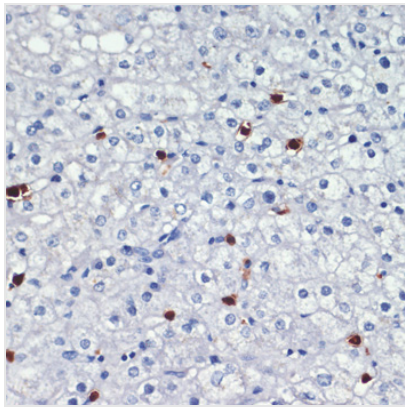
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse spleen using S100A8 antibody at dilution of 1:200 .



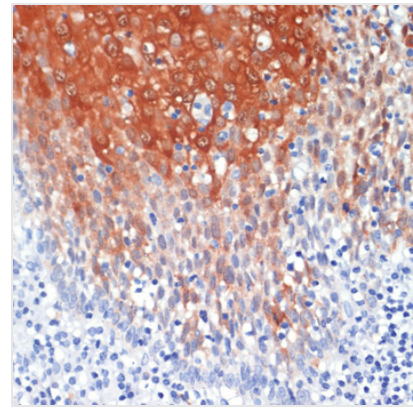
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skin using S100A8 antibody at dilution of 1:200 .



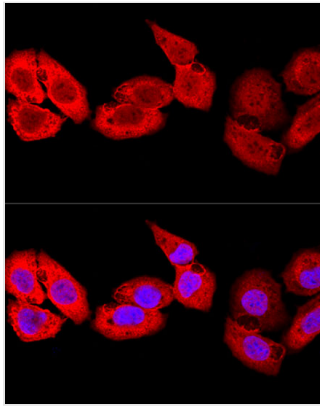
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using S100A8 antibody at dilution of 1:200 .



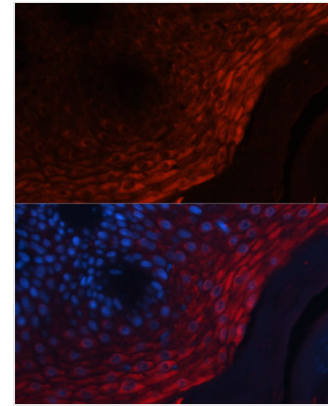
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using S100A8 antibody at dilution of 1:200 .



IF (Immunofluorescence)

Confocal immunofluorescence analysis of U-2 OS cells using S100A8 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of human skin cancer using S100A8 Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A8 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 the inhibition of casein kinase and as a cytokine. Altered expression of this protein is associated with the disease cystic fibrosis. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-S100A8 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21614544
NCBI GeneID	6279
NCBI Accession #	NP_002955.2
NCBI GenBank Nucleotide #	NM_002964.4
UniProt Accession #	P05109; Q5SY70; Q9UC84; Q9UC92; Q9UCJ0; Q9UCM6; A8K5L3; D3DV37
Molecular Weight	10,835 Da
NCBI Official Full Name	protein S100-A8
NCBI Official Synonym Full Names	S100 calcium binding protein A8

NCBI Official Symbol	S100A8
NCBI Official Synonym Symbols	P8; MIF; NIF; CAGA; CFAG; CGLA; L1Ag; MRP8; CP-10; MA387; 60B8AG
NCBI Protein Information	protein S100-A8; MRP-8; S100 calcium-binding protein A8 (calgranulin A); calgranulin-A; calprotectin L1L subunit; cystic fibrosis antigen; leukocyte L1 complex light chain; migration inhibitory factor-related protein 8; urinary stone protein band A
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100A8
UniProt Synonym Gene Names	CAGA; CFAG; MRP8; CFAG; MRP-8; p8
UniProt Entry Name	S10A8_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/s100a8-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30576>