

Rabbit anti-Mouse S100a9 Polyclonal Antibody | anti-S100a9 antibody

S100a9 Rabbit pAb

CATALOG # AAA283298	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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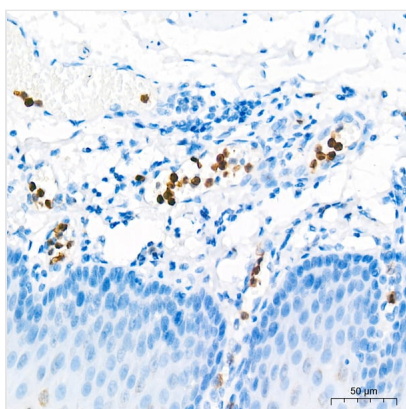
PRODUCT SYNONYMS

S100a9; Polyclonal Antibody; S100a9 Rabbit pAb; p14; Cagb; GAGB; L1Ag; BEE22; MRP14; 60B8Ag; anti-S100a9 antibody

PRODUCT SPECIFICATIONS

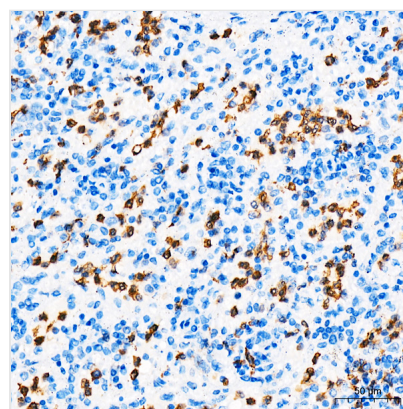
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MANKAPSQME RSITTIIDTF HQYSRKEGHP DTLSKKEFRQ MVEAQLATFM KKEKRNEALI NDIMEDLDTN QDNQLSFEEC MMLMAKLIFA CHEKLHENNP RGHGSHSGKG CGK
Applicable Applications for anti-S100a9 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-113 of mouse S100a9 (NP_033140.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



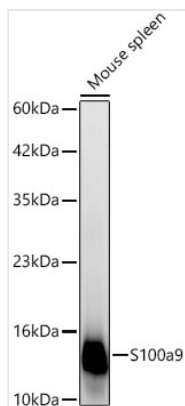
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using S100a9 Rabbit pAb (AAA283298) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using S100a9 Rabbit pAb (AAA283298) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Mouse spleen using S100a9 Rabbit pAb (AAA283298) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-S100a9 antibody	Predicted to enable calcium ion binding activity and calcium-dependent protein binding activity. Involved in peptidyl-cysteine S-nitrosylation; positive regulation of blood coagulation; and regulation of translation. Acts upstream of or within several processes, including actin cytoskeleton reorganization; astrocyte development; and regulation of integrin biosynthetic process. Predicted to be located in cell junction; cytosol; and nucleoplasm. Predicted to be active in cytoplasm; extracellular space; and nucleus. Is expressed in several structures, including jaw; liver; otic capsule; skeleton; and spleen red pulp. Human ortholog(s) of this gene implicated in myocarditis. Orthologous to human S100A9 (S100 calcium binding protein A9).
Product Categories/Family for anti-S100a9 antibody	Immunology ; Innate Immunity ; Macrophage/Inflamm ; Signal Transduction ; Signaling Pathway ; Calcium Signaling ; Calcium Binding Proteins ; Cancer ; Tumor biomarkers ; Other ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	529367291
NCBI GeneID	20202
NCBI Accession #	NP_001268781.1
NCBI GenBank Nucleotide #	NM_001281852.1
UniProt Accession #	P31725
Molecular Weight	Calculated MW: 13kDa Observed MW: 13kDa
UniProt Protein Name	Protein S100-A9
UniProt Gene Name	S100a9
UniProt Synonym Gene Names	Cagb; Mrp14; MRP-14; p14
UniProt Entry Name	S10A9_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://stage.aaabiotech.com/polyclonal/s100a9-antibody-immunohistochemistry-western-blot-elisa/283298>