

Rabbit S100A11 Polyclonal Antibody | anti-S100A11 antibody

S100A11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327069	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

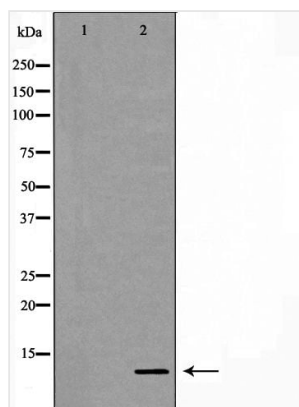
PRODUCT SYNONYMS

S100A11; Polyclonal Antibody; S100A11 Antibody; Calgizzarin; Epididymis secretory protein Li 43; HEL S 43; Metastatic lymph node gene 70 protein; MLN 70; MLN70; Protein S100 A11; Protein S100-A11; N-terminally processed; Protein S100-C; Protein S100A11; Protein S100C; S100 A11; S100 calcium binding protein A11; S100 calcium-binding protein A11 (calgizzarin); S100 calcium-binding protein A11; S100a11; S100C; S10AB_HUMAN; anti-S100A11 antibody

PRODUCT SPECIFICATIONS

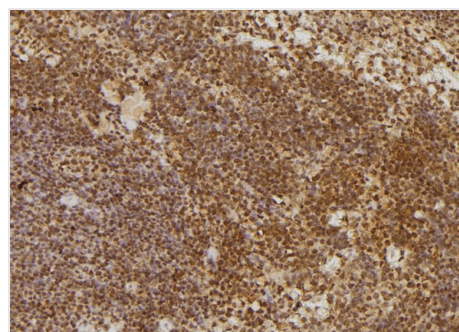
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	S100A11 antibody detects endogenous levels of total S100A11
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	105
Applicable Applications for anti-S100A11 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human S100A11, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Iovo cell lysate, using S100A11 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA327069 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A11 antibody	Description: 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. Function: Facilitates the differentiation and the cornification of keratinocytes. Subunit Structure: Homodimer; disulfide-linked. Post-translational Modifications: Phosphorylation at Thr-10 by PRKCA significantly suppresses homodimerization and promotes association with NCL/nucleolin which induces nuclear translocation. Similarity: Belongs to the S-100 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5032057
NCBI GeneID	6282
NCBI Accession #	NP_005611.1
NCBI GenBank Nucleotide #	NM_005620.1
UniProt Accession #	P31949; Q5VTK0
Molecular Weight	Observed: 11 kDa Predicted: 12 kDa
NCBI Official Full Name	protein S100-A11
NCBI Official Synonym Full Names	S100 calcium binding protein A11
NCBI Official Symbol	S100A11
NCBI Official Synonym Symbols	MLN70; S100C; HEL-S-43
NCBI Protein Information	protein S100-A11
UniProt Protein Name	Protein S100-A11
UniProt Gene Name	S100A11
UniProt Synonym Gene Names	MLN70; S100C; MLN 70

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/s100a11-antibody-immunohistochemistry-western-blot-elisa/327069>