

Rabbit anti-Human S100-A12 Polyclonal Antibody | anti-S100A12 antibody

Anti-S100-A12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262767	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

S100-A12; Polyclonal Antibody; Anti-S100-A12 Antibody; Protein S100-A12; CGRP; Calcium-binding protein in amniotic fluid 1; CAAF1; Calgranulin-C; CAGC; Extracellular newly identified RAGE-binding protein; EN-RAGE; Migration inhibitory factor-related protein 6; MRP-6; p6; Neutrophil S100 protein; S100 calcium-binding protein A12; anti-S100A12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of S100-A12 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	92
Applicable Applications for anti-S100A12 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human S100-A12
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of S100-A12 staining in SW620 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of S100-A12 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of S100-A12 expression in HL60 (A), SW620 (B), K562 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A12 antibody	Rabbit polyclonal antibody to S100-A12
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5032059
NCBI GeneID	6283
NCBI Accession #	NP_005612.1
NCBI GenBank Nucleotide #	NM_005621.1
UniProt Accession #	P80511; P83219; Q5SY66; Q7M4R1
Molecular Weight	10,575 Da
NCBI Official Full Name	protein S100-A12
NCBI Official Synonym Full Names	S100 calcium binding protein A12
NCBI Official Symbol	S100A12
NCBI Official Synonym Symbols	p6; CAGC; CGRP; MRP6; CAAF1; MRP-6; ENRAGE
NCBI Protein Information	protein S100-A12
UniProt Protein Name	Protein S100-A12
UniProt Gene Name	S100A12
UniProt Synonym Gene Names	CAAF1; CAGC; EN-RAGE; MRP-6; p6
UniProt Entry Name	S10AC_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://stage.aaabiotech.com/polyclonal/s100-a12-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/262767>