

Rabbit anti-Human, Rat S100A2 Polyclonal Antibody | anti-S100A2 antibody

S100A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327425	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Western Blot

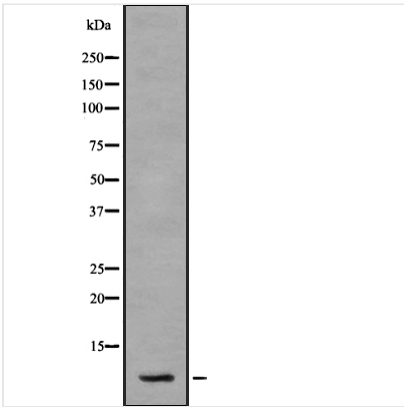
PRODUCT SYNONYMS

S100A2; Polyclonal Antibody; S100A2 Antibody; CAN19; MGC111539; Protein S 100L; Protein S-100L; Protein S100 A2; Protein S100-A2; Protein S100L; S100 A2; S100 calcium binding protein A2; S100 calcium-binding protein A2; S100L; S10A2_HUMAN; anti-S100A2 antibody

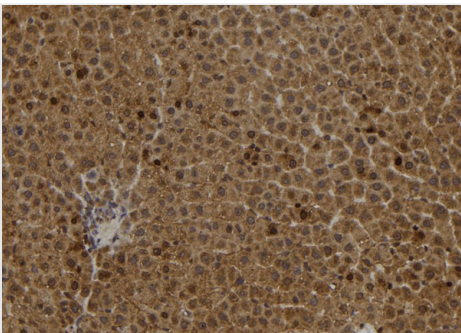
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	S100A2 antibody detects endogenous levels of total S100A2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	97
Applicable Applications for anti-S100A2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human S100A2
Tissue Specificity	A subset of epithelial cells including normal human mammary epithelial cells and keratinocytes.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis S100A2 using HT29 whole cell lysates



IHC (Immunohistochemistry)
AAA327425 at 1/100 staining Rat liver 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-S100A2 antibody	Function: May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes. May also play a role in suppressing tumor cell growth. Subunit Structure: Homodimer. Interacts with FKBP4. Interacts with PPP5C (via TPR repeats); the interaction is calcium-dependent and modulates PPP5C activity. Similarity: Belongs to the S-100 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5174661
NCBI GeneID	6273
NCBI Accession #	NP_005969.1
NCBI GenBank Nucleotide #	NM_005978.3
UniProt Accession #	P29034; O00266; Q3KRB9; Q5RHS8; Q9BU83
Molecular Weight	Observed: 11 kDa Predicted: 12 kDa
NCBI Official Full Name	protein S100-A2
NCBI Official Synonym Full Names	S100 calcium binding protein A2
NCBI Official Symbol	S100A2
NCBI Official Synonym Symbols	CAN19; S100L
NCBI Protein Information	protein S100-A2
UniProt Protein Name	Protein S100-A2
UniProt Gene Name	S100A2
UniProt Synonym Gene Names	S100L

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.