

Rabbit S100A5 Polyclonal Antibody | anti-S100A5 antibody

S100A5 Antibody

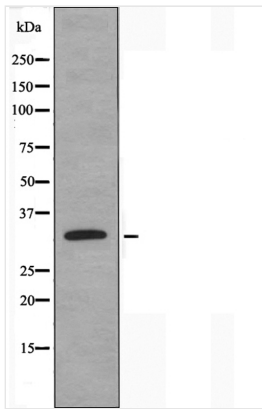
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325009	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

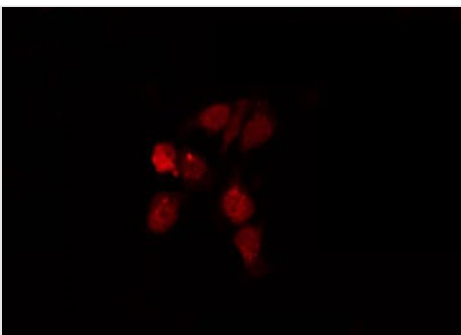
S100A5; Polyclonal Antibody; S100A5 Antibody; Protein S-100D; Protein S100-A5; S100 calcium binding protein A5; S100 calcium-binding protein A5; S100a5; S100D; S100D9; S10A5_HUMAN; anti-S100A5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	S100A5 antibody detects endogenous levels of total S100A5
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	92
Applicable Applications for anti-S100A5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using S100A5 antibody.



IF (Immunofluorescence)
AAA325009 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-S100A5 antibody	Function: Binds calcium, zinc and copper. One subunit can simultaneously bind 2 calcium ions or 2 copper ions plus 1 zinc ion. Calcium and copper ions compete for the same binding sites. Subunit Structure: Homodimer. Similarity: Belongs to the S-100 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	302632535
NCBI GeneID	6276
NCBI Accession #	NP_002953.2
NCBI GenBank Nucleotide #	NM_002962.1
UniProt Accession #	P33763; Q52LE7; Q5RHS3
Molecular Weight	Observed: 32 kD Predicted: 11 kDa
NCBI Official Full Name	protein S100-A5
NCBI Official Synonym Full Names	S100 calcium binding protein A5
NCBI Official Symbol	S100A5
NCBI Official Synonym Symbols	S100D
NCBI Protein Information	protein S100-A5
UniProt Protein Name	Protein S100-A5
UniProt Gene Name	S100A5
UniProt Synonym Gene Names	S100D

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.