

Rabbit S100A10 Polyclonal Antibody | anti-S100A10 antibody

S100A10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326502	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

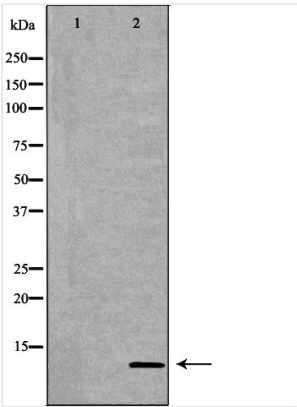
PRODUCT SYNONYMS

S100A10; Polyclonal Antibody; S100A10 Antibody; 42C; AA409961; AL024248; Annexin II ligand; calpactin I; light polypeptide; Annexin II tetramer (Alt) p11 subunit; Annexin II; light chain; ANX2L; ANX2LG; Ca[1]; CAL12; CAL1L; Calpactin I light chain; Calpactin I; p11 subunit; Calpactin-1 light chain; Cellular ligand of annexin II; CLP11; GP11; MGC111133; Nerve growth factor-induced protein 42C; OTTHUMP00000015269; OTTHUMP00000015270; p10; p10 protein; p11; Protein S100 A10; Protein S100-A10; S100 calcium binding protein A10 (annexin II ligand; light polypeptide (p11)); S100 calcium binding protein A10 (calpactin); S100 calcium binding protein A10; S100 calcium-binding protein A10; S100a10; S10AA_HUMAN; anti-S100A10 antibody

PRODUCT SPECIFICATIONS

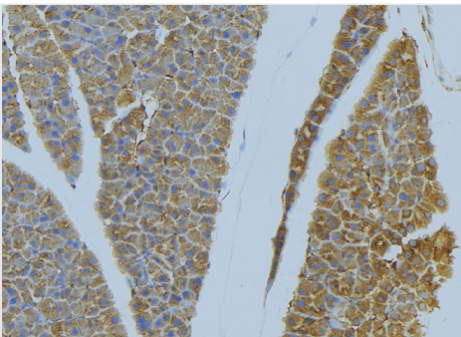
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	S100A10 antibody detects endogenous levels of total S100A10
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, 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-S100A10 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human S100A10
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 of SW480 cell lysate, using S100A10 Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326502 at 1/100 staining Human pancreas 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-S100A10 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 exocytosis and endocytosis.

Function: Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.

Subunit Structure: Heterotetramer containing 2 light chains of S100A10/p11 and 2 heavy chains of ANXA2/p36.

Interacts with SCN10A (By similarity).

Similarity: Belongs to the S-100 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506761
NCBI GeneID	6281
NCBI Accession #	NP_002957.1
NCBI GenBank Nucleotide #	NM_002966.2
UniProt Accession #	P60903; P08206; Q5T1C5; A8K4V8
Molecular Weight	Observed: 11 kDa Predicted: 12 kDa
NCBI Official Full Name	protein S100-A10
NCBI Official Synonym Full Names	S100 calcium binding protein A10
NCBI Official Symbol	S100A10
NCBI Official Synonym Symbols	42C; P11; p10; GP11; ANX2L; CAL1L; CLP11; Ca[1]; ANX2LG
NCBI Protein Information	protein S100-A10
UniProt Protein Name	Protein S100-A10
UniProt Gene Name	S100A10
UniProt Synonym Gene Names	ANX2LG; CAL1L; CLP11

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/s100a10-antibody-immunohistochemistry-western-blot-elisa/326502>