

Rabbit anti-Human S100A7 Polyclonal Antibody | anti-S100A7 antibody

S100A7 Antibody (N-term)

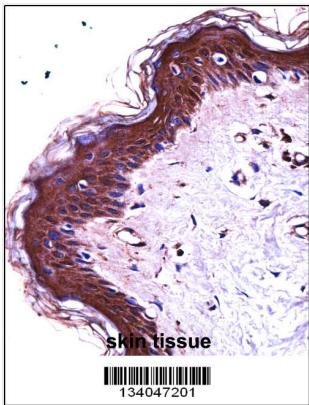
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283913	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

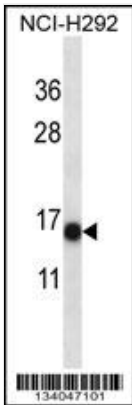
S100A7; Polyclonal Antibody; S100A7 Antibody (N-term); Protein S100-A7; Psoriasin; S100 calcium-binding protein A7; PSOR1; S100A7C; anti-S100A7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This S100A7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-31 amino acids from the N-terminal region of human S100A7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	2-31
Sequence Length	101
Applicable Applications for anti-S100A7 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
S100A7 Antibody (N-term) (AAA283913)immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of S100A7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
S100A7 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the S100A7 antibody detected the S100A7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-S100A7 antibody	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 differs from the other S100 proteins of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. This protein is markedly over-expressed in the skin lesions of psoriatic patients, but is excluded as a candidate gene for familial psoriasis susceptibility. The exact function of this protein is not known.
Product Categories/Family for anti-S100A7 antibody	Cancer; Signal Transduction
References	West, N.R., et al. Oncogene 29(14):2083-2092(2010) Tieu, D.D., et al. J. Allergy Clin. Immunol. 125(3):667-675(2010) Tripathi, S.C., et al. PLoS ONE 5 (8), E11939 (2010) : Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) : West, N.R., et al. Protein Sci. 18(12):2615-2623(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	115298657
NCBI GeneID	6278
NCBI Accession #	NP_002954.2
NCBI GenBank Nucleotide #	NM_002963.3
UniProt Accession #	P31151; Q5SY67; Q6FGE3; Q9H1E2
Molecular Weight	11471
NCBI Official Full Name	protein S100-A7
NCBI Official Synonym Full Names	S100 calcium binding protein A7
NCBI Official Symbol	S100A7

NCBI Official Synonym Symbols	PSOR1; S100A7c
NCBI Protein Information	protein S100-A7
UniProt Protein Name	Protein S100-A7
UniProt Gene Name	S100A7
UniProt Synonym Gene Names	PSOR1; S100A7C
UniProt Entry Name	S10A7_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://www.aaabiotech.com/polyclonal/s100a7-antibody-immunohistochemistry-western-blot-elisa/283913>