

S100A7 polyclonal antibody

Catalog # PAB7044

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of S100A7.
Immunogen	A synthetic peptide corresponding to human S100A7.
Sequence	C-HKYTRRDDKIDKP
Host	Goat
Theoretical MW (kDa)	11.5
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — S100A7

Entrez GeneID [6278](#)

Protein Accession# [NP_002954.1](#)

Gene Name S100A7

Gene Alias PSOR1, S100A7c

Gene Description S100 calcium binding protein A7

Omim ID [600353](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000015327|OTTHUMP00000015328|S100 calcium-binding protein A7 (psoriasin 1)|psoriasin 1

Publication Reference

- [Expression analysis of the mouse S100A7/psoriasin gene in skin inflammation and mammary tumorigenesis.](#)

Webb M, Emberley ED, Lizardo M, Alowami S, Qing G, Alfiar A, Snell-Curtis LJ, Niu Y, Civetta A, Myal Y, Shiu R, Murphy LC, Watson PH.

BMC Cancer 2005 Feb; 5:17.

Application: IHC-P, Mouse, Mammary tumor

Disease

- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)

- [Ovarian Neoplasms](#)
- [Rhinitis](#)