

**Product Name: S100A7 Rabbit Polyclonal Antibody**  
**Catalog #: APRab17471**



## Summary

<b>Production Name</b>	S100A7 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	S100A7 PSOR1 S100A7C
<b>Alternative Names</b>	Protein S100-A7 (Psoriasin;S100 calcium-binding protein A7)
<b>Gene ID</b>	6278.0
<b>SwissProt ID</b>	P31151.Synthesized peptide derived from human S100A7 AA range: 1-51

## Application

**Dilution Ratio** IHC 1:100-1:300 ELISA: 1:5000

**Molecular Weight**

## Background

S100 calcium binding protein A7(S100A7) Homo sapiens 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

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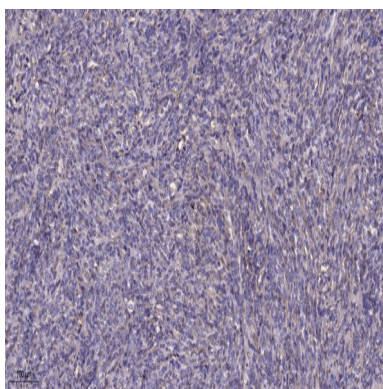
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nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein differs from the other S100 proteins of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. The protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities. [provided by RefSeq, Nov 2014], mass spectrometry: PubMed:8526920, similarity: Belongs to the S-101 family., similarity: Contains 2 EF-hand domains., subcellular location: Secreted by a non-classical secretory pathway., subunit: Interacts with RANBP9., tissue specificity: Fetal ear, skin, and tongue and human cell lines. Highly up-regulated in psoriatic epidermis. Also highly expressed in the urine of bladder squamous cell carcinoma (SCC) bearing patients.,

## Research Area

## Image Data



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200 (4° overnight) .  
2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min) .

## Note

For research use only.