

# S100A7/Psoriasin Rabbit pAb

Catalog No.: A22026

## Basic Information

### Observed MW

12kDa

### Calculated MW

11kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human

## Background

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. The protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities.

## Recommended Dilutions

WB 1:1000 - 1:5000

IHC-P 1:50 - 1:200

## Immunogen Information

### Gene ID

6278

### Swiss Prot

P31151

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 2-101 of human S100A7/Psoriasin (NP\_002954.2).

### Synonyms

PSOR1; S100A7c; S100A7/Psoriasin

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

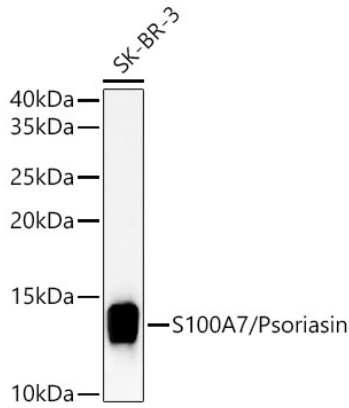
Affinity purification

### Storage

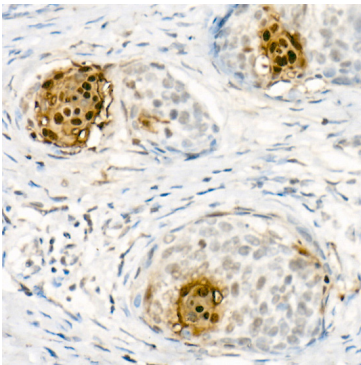
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

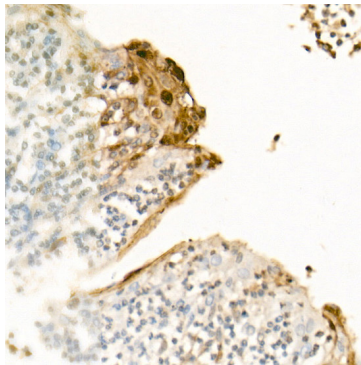
## Validation Data



Western blot analysis of lysates from SK-BR-3 cells, using S100A7/Psoriasis Rabbit pAb (A22026) at 1:2000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human cervix cancer using S100A7/Psoriasis Rabbit pAb (A22026) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human tonsil using S100A7/Psoriasis Rabbit pAb (A22026) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.