

S100A7/Psoriasin Rabbit pAb

Catalog No.: A1940

Basic Information

Observed MW

Calculated MW

11kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Human, Mouse, Rat

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

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 1-101 of human S100A7/Psoriasin (NP_002954.2).

Synonyms

PSOR1; S100A7c; S100A7/Psoriasin

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

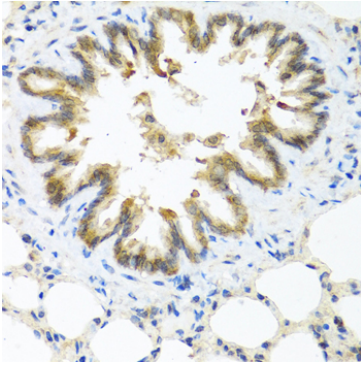
Affinity purification

Storage

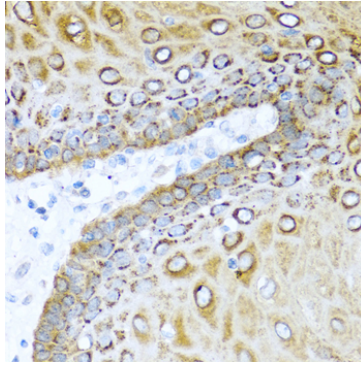
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

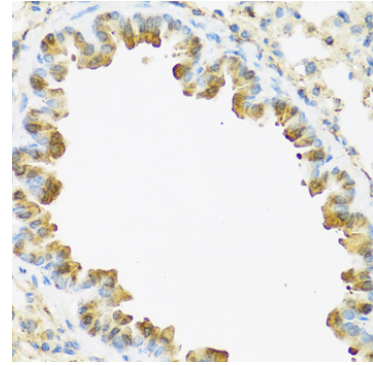
Validation Data



Immunohistochemistry analysis of paraffin-embedded rat lung using S100A7/Psoriasis Rabbit pAb (A1940) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human esophagus using S100A7/Psoriasis Rabbit pAb (A1940) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse lung using S100A7/Psoriasis Rabbit pAb (A1940) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.