

## Psoriasis Antibody

*S100A7, S100 calcium binding protein A7 (psoriasis 1), HGNC:10497, PSOR1, S100A7c, S100 calcium-binding protein A7, S100 calcium-binding protein A7 (psoriasis 1), psoriasis 1, Psoriasis*

**CATALOG NO.:** 46-241

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

Psoriasis Antibody.

**SOURCE:**

Psoriasis antibody was raised against a synthetic peptide of Psoriasis.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_002954.1

**SPECIES REACTIVITY:**

Human

**TESTED APPLICATION:**

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**APPLICATION:**

Peptide ELISA: antibody detection limit dilution 1:32,000.  
Western Blot: Preliminary experiments gave an approx 15kDa band in Human Skin lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 11.5kDa according to NP\_002954.1. The 15kDa band was successfully blocked by incubation with the immunizing peptide.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

Webb M, Emberley ED, Lizardo M, Alowami S, Qing G, Alfia'ar A, Snell-Curtis LJ, Niu Y, Civetta A, Myal Y, Shiu R, Murphy LC, Watson PH. Expression analysis of the mouse S100A7/psoriasis gene in skin inflammation and mammary tumorigenesis. BMC Cancer. 2005

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.