

**Anti-S100A11 Picoband Antibody**  
Catalog # ABO12504**Specification**

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**Anti-S100A11 Picoband Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P31949</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for Protein S100-A11(S100A11) detection. Tested with WB in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-S100A11 Picoband Antibody - Additional Information**

**Gene ID** 6282

**Other Names**

Protein S100-A11, Calgizzarin, Metastatic lymph node gene 70 protein, MLN 70, Protein S100-C, S100 calcium-binding protein A11, Protein S100-A11, N-terminally processed, S100A11, MLN70, S100C

**Calculated MW**

11740 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Cytoplasm . Nucleus .

**Protein Name**

Protein S100-A11

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Na<sub>3</sub>.

**Immunogen**

E. coli-derived human S100A11 recombinant protein (Position: A2-T105). Human S100A11 shares 86.7% amino acid (aa) sequence identity with both mouse and rat S100A11.

**Purification**

Immunogen affinity purified.

### Cross Reactivity

No cross reactivity with other proteins.

### Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

## Anti-S100A11 Picoband Antibody - Protein Information

**Name** S100A11

**Synonyms** MLN70, S100C

### Function

Facilitates the differentiation and the cornification of keratinocytes.

### Cellular Location

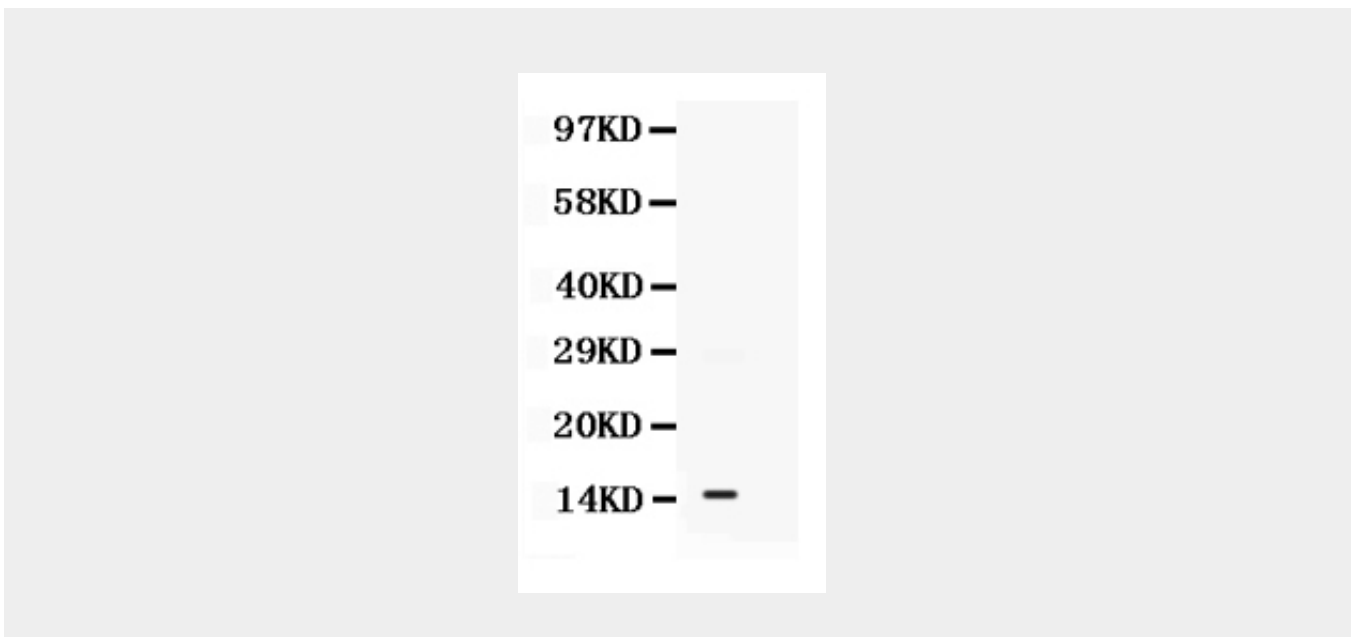
Cytoplasm. Nucleus

## Anti-S100A11 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-S100A11 Picoband Antibody - Images



Anti- S100A11 Picoband antibody, ABO12504, Western blotting All lanes: Anti S100A11 (ABO12504) at 0.5ug/ml WB: HELA Whole Cell Lysate at 40ug Predicted bind size: 15KD Observed bind size: 15KD

### **Anti-S100A11 Picoband Antibody - Background**

S100 calcium-binding protein A11 (S100A11) is a protein that in humans is encoded by the S100A11 gene. 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. And S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis.