

# S100/S100A1 Rabbit pAb

Catalog No.: A8560 **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

11kDa

### Category

Primary antibody

### Applications

ELISA, WB

### 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 may function in stimulation of Ca<sup>2+</sup>-induced Ca<sup>2+</sup> release, inhibition of microtubule assembly, and inhibition of protein kinase C-mediated phosphorylation. Reduced expression of this protein has been implicated in cardiomyopathies.

## Recommended Dilutions

WB 1:200 - 1:2000

## Immunogen Information

### Gene ID

6271

### Swiss Prot

P23297

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 40 to the C-terminus of human S100/S100A1 (NP\_006262.1).

### Synonyms

S100; S100A; S100-alpha; S100/S100A1

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.