

# Rabbit anti-Human S100 Calcium Binding Protein A1(CAP)

**Catalog No.:** RM17906

## Basic Information

**Catalog No.**  
RM17906

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG


**Purification**  
Affinity purification


**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative□0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact

 | order@abclonal.com

 | support@abclonal.com

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## 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.

## Immunogen Information

**Immunogen**  
Recombinant Human S100 Calcium Binding Protein A1

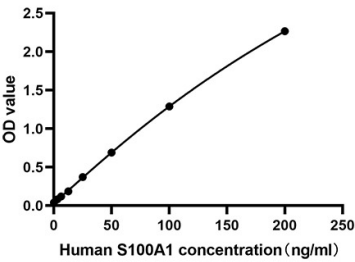
## Cross-Reactivity

## Assay Applications

Human S100 Calcium Binding Protein A1 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human S100 Calcium Binding Protein A1 (CAP)(Cat. No.RM17906)
ELISA Detection	0.05-0.2ug/mL	Rabbit anti-Human S100 Calcium Binding Protein A1(DET)(Cat. No.RM17907)
Standard	3.12-200ng/mL	Recombinant Human S100 Calcium Binding Protein A1

# Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.