

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

Catalog No.: RM17906

Basic Information

Catalog No.

RM17906

Category

Elisa Antibody Kit

Application

ELISA

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 Ca²⁺-induced Ca²⁺ release, inhibition of microtubule assembly, and inhibition of protein kinase C-mediated phosphorylation. Reduced expression of this protein has been implicated in cardiomyopathies.

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.

Immunogen Information

Immunogen

Recombinant Human S100 Calcium Binding Protein A1

Cross-Reactivity

Contact

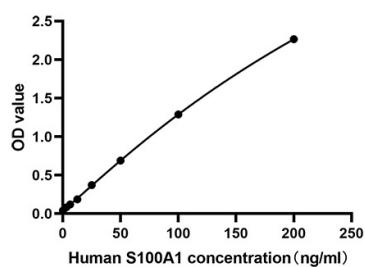
	order@abclonal.com
	support@abclonal.com
	www.abclonal.com

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.