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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
N/A

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

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

Contact

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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 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.

Immunogen Information

Immunogen
Recombinant Human S100A1 Protein

Cross-Reactivity

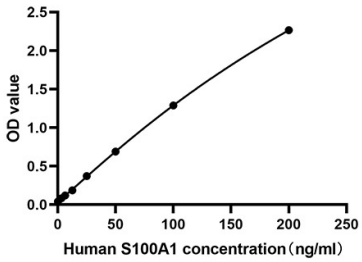
Human

Assay Applications

Human S100A1 Sandwich Immunoassay

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