ABclonal Technology®

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
This antibody can be stored at 2℃-8℃ for one monthwithout detectable loss of activity. Antibody products are stable for twelve months fromdate of receipt when stored at -20℃ to -80℃.
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

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Background

Weakly binds calcium but binds zinc very tightly-distinct binding sites with different affinities exist for both ions on each monomer. Physiological concentrations of potassium ion antagonize the binding of both divalent cations, especially affecting high-affinity calcium-binding sites. Binds to and initiates the activation of STK38 by releasing autoinhibitory intramolecular interactions within the kinase. Interaction with AGER after myocardial infarction may play a role in myocyte apoptosis by activating ERK1/2 and p53/TP53 signaling. Could assist ATAD3A cytoplasmic processing, preventing aggregation and favoring mitochondrial localization. May mediate calcium-dependent regulation on many physiological processes by interacting with other proteins, such as TPR-containing proteins, and modulating their activity

Immunogen Information

Immunogen
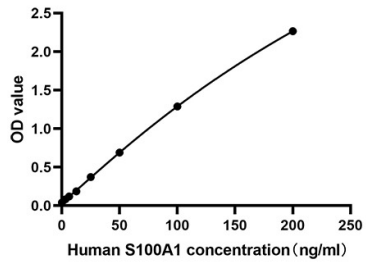Recombinant Human S100 Calcium Binding Protein A1

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 eachassay.