S100A1 Rabbit pAb

db23533 **Package : 20μL 50μL 100μL**

Product Name : S100A1 Rabbit pAb
Cat.No.: db23533
Synonyms : S100; S100A; S100-alpha
Application : WB, ICC/IF
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human S100A1
Gene ID	6271, 20193, 295214
Swiss Prot	P23297, P56565, P35467
Synonyms	S100; S100A; S100-alpha
Reactivity	Human, Mouse, Rat
Application	WB, ICC/IF
Recommended dilution	WB: 1:1000 ICC/IF: 1:100
Calculated MW	11 kDa
Observed MW	11 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.