



Swiss-Prot No.:	P23297
Storage/Stability:	Store at -20 °C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human S100A1 (NP_006262.1).
Purification:	Affinity purification
Reactivity:	Human,Mouse,Rat
Other Names:	—
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 ²⁺ -induced Ca ²⁺ release, inhibition of microtubule assembly, and inhibition of protein kinase C-mediated phosphorylation. Reduced expression of this protein has been implicated in cardiomyopathies.
Gene ID:	6271
Source:	Rabbit
Antibody type:	Polyclonal Antibodies

Isotype:	IgG
Molecular Weight:	10kDa
Recommended Dilutions:	WB 1:200 - 1:2000