



# S100A1 Antibody

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| <b>Product Code</b>        | CSB-PA020622GA01HU   |
| <b>Abbreviation</b>        | S100A1   |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.  |
| <b>Uniprot No.</b>         | P23297   |
| <b>Immunogen</b>           | Human S100A1   |
| <b>Raised In</b>           | Rabbit   |
| <b>Species Reactivity</b>  | Human,Mouse,Rat  |
| <b>Tested Applications</b> | ELISA,WB   |
| <b>Storage Buffer</b>      | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles.  |
| <b>Purification Method</b> | Antigen Affinity purified  |
| <b>Isotype</b>             | IgG  |
| <b>Alias</b>               | S100 calcium binding protein A1;S100A1;S100;S100-alpha;S100A ;   |
| <b>Product Type</b>        | Purified Rabbit Anti human PolyClonal Antibody   |
| <b>Species</b>             | Homo sapiens (Human)   |
| <b>Target Names</b>        | S100A1   |
| <b>Target Details</b>      | <p>This protein 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<sup>2+</sup>-induced Ca<sup>2+</sup> release, inhibition of microtubule assembly, and inhibition of protein kinase C-mediated phosphorylation. Reduced expression of this protein has been implicated in cardiomyopathies.</p> |