



S-100A6 rabbit pAb

Cat No.:ES20299

For research use only

Overview

| | |
|---------------------------------|---|
| Product Name | S-100A6 rabbit pAb |
| Host species | Rabbit |
| Applications | WB; ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | WB 1:1000-2000 ELISA 1:5000-20000 |
| Immunogen | Synthesized peptide derived from human S-100A6 AA range: 21-70 |
| Specificity | This antibody detects endogenous levels of Human S-100A6 |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | S-100A6 |
| Gene Name | S100A6 CACY |
| Cellular localization | Nucleus envelope. Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | |
| Human Gene ID | 6277 |
| Human Swiss-Prot Number | P06703 |
| Alternative Names | Protein S100-A6 (Calcyclin;Growth factor-inducible protein 2A9;MLN 4;Prolactin receptor-associated protein;PRA;S100 calcium-binding protein A6) |
| Background | S100 calcium binding protein A6(S100A6) Homo sapiens 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 |





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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⁺-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma. [provided by RefSeq, Jul 2008],



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