



# S-100A6 rabbit pAb

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-31355                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>       | WB; ELISA                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>          | S100A6 CACY                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Name</b>       | S-100A6                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>          | Synthesized peptide derived from human S-100A6 AA range: 21-70                                                                                                                                                                                                                                                                                                                                                         |
| <b>Specificity</b>        | This antibody detects endogenous levels of Human S-100A6                                                                                                                                                                                                                                                                                                                                                               |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                                                                                              |
| <b>Dilution</b>           | WB 1:1000-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>           | Protein S100-A6 (Calcyclin;Growth factor-inducible protein 2A9;MLN 4;Prolactin receptor-associated protein;PRA;S100 calcium-binding protein A6)                                                                                                                                                                                                                                                                        |
| <b>Observed Band</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Cell Pathway</b>       | Nucleus envelope. Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side.                                                                                                                                                                                                                                                                                                                             |
| <b>Tissue Specificity</b> |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Function</b>           | induction:Preferentially expressed when quiescent fibroblasts are stimulated to proliferate. It is inducible by growth factors and overexpressed in acute myeloid leukemias.,miscellaneous:This protein co-purified with the prolactin receptor.,PTM:The N-terminus is blocked.,similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,subunit:Homodimer, antiparallel. Interacts with SUGT1., |
| <b>Background</b>         | 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 number                                                                                                         |

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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  $\text{Ca}^{2+}$ -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],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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