

## S100A6

**Reactivity:**Human Mouse

**Tested applications:**WB

**Recommended Dilution:**WB 1:200 - 1:2000

**Calculated MW:**10kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human S100A6

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

2A9; PRA; 5B10; CABP; CACY;

**Catalog #:**A4104

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6277

**Isotype:**IgG

**Swiss Prot:**P84098

**Purity:**Affinity purification

For research use only.

**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<sup>2+</sup>-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.

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