

Product Information

Anti-S100A6
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW22597F**
Formerly listed as GenWay Catalog Number 15-288-22597F,
Protein S100-A6 Antibody.

Storage Temperature Store at -20°C

Synonyms: S100 calcium-binding protein A6, S100 calcium-binding protein A6; Calcyclin; Prolactin receptor-associated protein; PRA; Growth factor-inducible protein 2A9; MLN 4

Product Description

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+} -dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.

NCBI Accession number: NP_055439.1

Swiss Prot Accession number: P06703

Gene Information: Human .. S100A6 (6277)

Immunogen: Recombinant protein S100 calcium-binding protein A6

Immunogen Sequence: GI # 7657532, sequence 1 - 90

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human, mouse, rat

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at $2-8^{\circ}\text{C}$ for up to one week. For extended storage, store in -20°C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

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