

Product datasheet

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ARG57885 anti-S100A6 antibody

Package: 50 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes \$100A6

Tested Reactivity Hu, Ms, Rat
Tested Application ICC/IF, WB
Host Rabbit
Clonality Polyclonal
Isotype IgG

Target Name S100A6

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 1-90 of Human S100A6 (NP_055439.1).

Conjugation Un-conjugated

Alternate Names S100 calcium-binding protein A6; PRA; MLN 4; 5B10; Prolactin receptor-associated protein; CACY;

Growth factor-inducible protein 2A9; Protein S100-A6; Calcyclin; CABP; 2A9

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:200 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HT-29	
Observed Size	10 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol S100A6

Gene Full Name S100 calcium binding protein A6

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 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]

Function May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function

by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility. Binds 2

calcium ions. Calcium binding is cooperative. [UniProt]

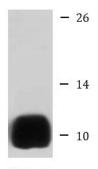
Calculated Mw 10 kDa

PTM The N-terminus is blocked. [UniProt]

Cellular Localization Nucleus envelope, Cytoplasm, Cell membrane, Peripheral membrane protein, Cytoplasmic side.

[UniProt]

Images



HT-29

ARG57885 anti-S100A6 antibody WB image

Western blot: 25 μg of HT-29 cell lysate stained with ARG57885 anti-S100A6 antibody at 1:1000 dilution.