

Datasheet for ABIN872367
anti-S100A2 antibody (AA 20-98)[Go to Product page](#)

2 Publications

Overview

Quantity:	100 µL
Target:	S100A2
Binding Specificity:	AA 20-98
Reactivity:	Human, Lizard
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human S100 alpha 2
Isotype:	IgG
Cross-Reactivity:	Human, Lizard
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Cat,Goat
Purification:	Purified by Protein A.

Target Details

Target:	S100A2
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Target Details

Alternative Name:	S100 alpha 2 (S100A2 Products)
Background:	<p>Synonyms: S100 calcium binding protein A2, CAN19, MGC111539, Protein S 100L, Protein S-100L, Protein S100 A2, Protein S100-A2, Protein S100L, S100 A2, S100 calcium-binding protein A2, S100A2, S100L, S10A2_HUMAN.</p> <p>Background: The protein encoded by this gene is a member of the S100family of proteins containing 2 EF-hand calcium-binding motifs.S100 proteins are localized in the cytoplasm and/or nucleus of awide range of cells, and involved in the regulation of a number ofcellular processes such as cell cycle progression anddifferentiation. S100 genes include at least 13 members which arelocated as a cluster on chromosome 1q21. This protein may have atumor suppressor function. Chromosomal rearrangements and alteredexpression of this gene have been implicated in breast cancer.</p>
Gene ID:	6273
Pathways:	S100 Proteins

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Wu, Liu, Liu, Yan, Tang, Cui, Zhao, Shi, Hao, Yu, Qian: "A retrospective, single-center cohort study on 65 patients with primary retroperitoneal liposarcoma." in: **Oncology letters**, Vol. 15, Issue 2, pp. 1799-1810, (2018) ([PubMed](#)).