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Datasheet for ABIN914175
anti-S100A2 antibody (AA 20-98) (Biotin)

Overview

Quantity:	100 µL
Target:	S100A2
Binding Specificity:	AA 20-98
Reactivity:	Human, Lizard
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, 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
Alternative Name:	S100 alpha 2 (S100A2 Products)

Target Details

Background: 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.

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 have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer.

Gene ID: 6273

Pathways: [S100 Proteins](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months