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Datasheet for ABIN6264901 anti-S100A14 antibody (N-Term)

2 Images



Overview

Quantity:	100 µL
Target:	S100A14
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A14 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human S100A14, corresponding to a region within N- terminal amino acids.
lsotype:	lgG
Specificity:	S100A14 Antibody detects endogenous levels of total S100A14.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

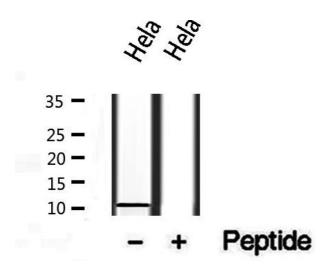
Target:

S100A14

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Target Details	
Alternative Name:	S100A14 (S100A14 Products)
Background:	Description: Modulates P53/TP53 protein levels, and thereby plays a role in the regulation of cell survival and apoptosis. Depending on the context, it can promote cell proliferation or apoptosis. Plays a role in the regulation of cell migration by modulating the levels of MMP2, a matrix protease that is under transcriptional control of P53/TP53. Does not bind calcium. Gene: S100A14
Molecular Weight:	11.6 kDa
Gene ID:	57402
UniProt:	Q9HCY8
Pathways:	Activation of Innate immune Response, S100 Proteins
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	
	Sodium azide
Precaution of Use:	Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Western Blotting

Image 1. Western blot analysis of extracts from Hela, using S100A14 antibody.

Immunohistochemistry

Image 2. ABIN6272886 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

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