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## Datasheet for ABIN657716 anti-S100A7 antibody (N-Term)

2 Images



#### Overview

Quantity:	400 µL
Target:	S100A7
Binding Specificity:	AA 2-31, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This S100A7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 2-31 amino acids from the N-terminal region of human S100A7.
Clone:	RB34047
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	S100A7
Alternative Name:	S100A7 (S100A7 Products)
Background:	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-

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ecular Weight:	11471
	known.
	candidate gene for familial psoriasis susceptibility. The exact function of this protein is not
	protein is markedly over-expressed in the skin lesions of psoriatic patients, but is excluded as a
	known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. This
	located as a cluster on chromosome 1q21. This protein differs from the other S100 proteins of
	cycle progression and differentiation. S100 genes include at least 13 members which are
	wide range of cells, and involved in the regulation of a number of cellular processes such as cell
	hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a

Molecular Weight:	11471
Gene ID:	6278
NCBI Accession:	NP_002954
UniProt:	P31151
Pathways:	S100 Proteins

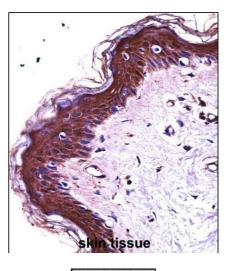
## Application Details

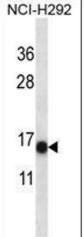
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	S100A7 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

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#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** S100A7 Antibody (N-term) ((ABIN657716 and ABIN2846704))immunohistochemistry analysis in formalin fixed and paraffin embedded human skin tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of S100A7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### Western Blotting

**Image 2.** S100A7 Antibody (N-term) (ABIN657716 and ABIN2846704) western blot analysis in NCI- cell line lysates (35 µg/lane).This demonstrates the S100A7 antibody detected the S100A7 protein (arrow).

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