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Datasheet for ABIN185647

## anti-S100A7 antibody (Internal Region)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	S100A7
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This S100A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

#### Product Details

Purpose:	Psoriasis / S100A7
Immunogen:	Peptide with sequence C-HKYTRRDDKIDKP, from the internal region of the protein sequence according to NP_002954.1.
Sequence:	HKYTRRDDKI DKP
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	S100A7
Alternative Name:	S100A7 ( <a href="#">S100A7 Products</a> )
Background:	S100A7, S100 calcium binding protein A7 (psoriasin 1) , HGNC:10497, PSOR1, S100A7c , S100 calcium-binding protein A7, S100 calcium-binding protein A7 (psoriasin 1), psoriasin 1, Psoriasin
Gene ID:	6278
NCBI Accession:	<a href="#">NP_002954</a>
Pathways:	<a href="#">S100 Proteins</a>

## Application Details

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Application Notes:	<p>DS WB Results: Approx 15 kDa band observed in Human Skin lysates (calculated MW of 11.5 kDa according to NP_002954.1). Recommended concentration: 1-3 µg/mL. In transfected HEK293 transiently expressing full-length Human S100A7 (myc and DYKDDDDK tagged), a band of approx. 16 kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Recommended concentration, 0.1-0.5 µg/mL. Approx 15 kDa band was also observed in Human Skin lysates (calculated MW of 11.5 kDa according to NP_002954.1). Recommended concentration: 0.3-1 µg/mL.</p> <p>DS IHC Results: Paraffin embedded Human Tonsil. Recommended concentration: 3.75 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:32000.</p>
Restrictions:	For Research Use only

## Handling

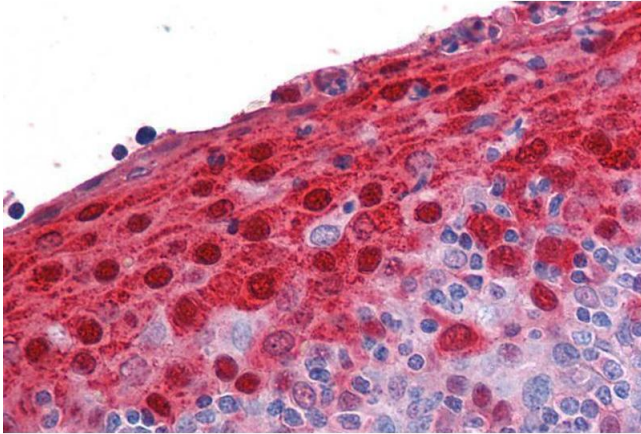
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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

## Handling

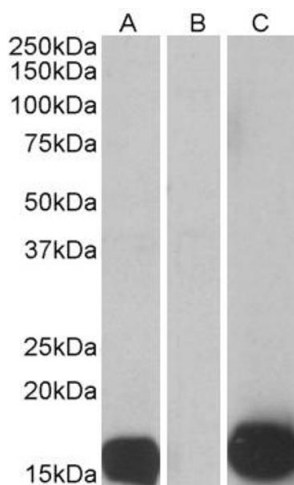
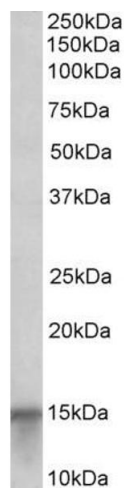
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Images



### Immunohistochemistry

**Image 1.** ABIN185647 (3.75µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



### Western Blotting

**Image 2.** ABIN185647 (0.1µg/ml) staining of Human Skin lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Western Blotting

**Image 3.** HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human S100A7 with C-terminal MYC tag probed with ABIN185647 (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with ABIN185647 (1mg/ml) in Lane B. Primary incubation was 1 hour. Detected by chemiluminescence.