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## Datasheet for ABIN7443995 anti-S100A8 antibody (AA 1-89)

/ Images



### Overview

Quantity:	100 µL
Target:	S100A8
Binding Specificity:	AA 1-89
Reactivity:	Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Polyclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)
Immunogen:	Recombinant S100 Calcium Binding Protein A8 (S100A8) corresdonding to Met1~Glu89 with N- terminal His Tag
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against S100A8. It has been selected for its ability to recognize S100A8 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details	
Target:	S100A8
Alternative Name:	S100 Calcium Binding Protein A8 (S100A8 Products)
Background:	MRP8, MIF, 60B8AG, CAGA, CFAG, CGLA, CP-10, L1Ag, NIF, P8, Calgranulin A, Cystic fibrosis antigen, Leukocyte L1 complex light chain, Migration inhibitory factor-related protein 8
Pathways:	Transition Metal Ion Homeostasis, Positive Regulation of Endopeptidase Activity, S100 Proteins

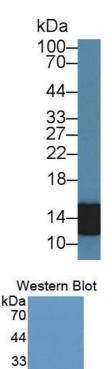
# Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration
	date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

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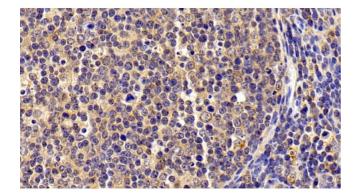
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### Western Blotting

**Image 1.** Detection of S100A8 in Human Leukocyte lysate using Polyclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)

### Western Blotting

**Image 2.** Detection of Recombinant S100A8, Porcine using Polyclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)



←14kDa

#### Immunohistochemistry

**Image 3.** Detection of S100A8 in Porcine Lymph node Tissue using Polyclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)

Please check the product details page for more images. Overall 7 images are available for ABIN7443995.

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