



## Datasheet for ABIN7434059 **anti-S100A8 antibody (AA 1-89)**



[Go to Product page](#)

### 2 Images

#### Overview

Quantity:	100 µL
Target:	S100A8
Binding Specificity:	AA 1-89
Reactivity:	Cow
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) corresponding to Met1~Glu89 with N-terminal His Tag
Isotype:	IgG
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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

#### Target Details

Target:	S100A8
---------	--------

## Target Details

---

Alternative Name:	S100 Calcium Binding Protein A8 ( <a href="#">S100A8 Products</a> )
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:	<a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">S100 Proteins</a>

## Application Details

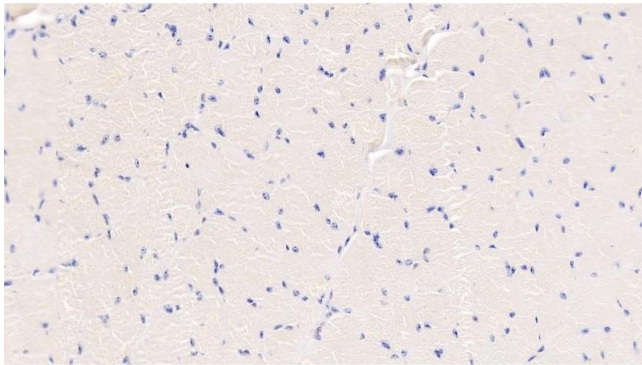
---

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

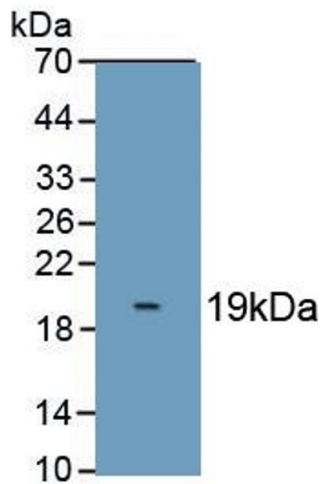
---

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



### Immunohistochemistry

**Image 1.** Detection of S100A8 in Bovine Esophagus Tissue using Polyclonal Antibody to S100 Calcium Binding Protein A8 (S100A8)



### Western Blotting

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