

Datasheet for ABIN7443158
anti-S100A7 antibody (AA 1-101)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	S100A7
Binding Specificity:	AA 1-101
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to S100 Calcium Binding Protein A7 (S100A7)
Immunogen:	Recombinant S100 Calcium Binding Protein A7 (S100A7) corresponding to Met1~Gln101 (Accession # Q28050) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against S100A7. It has been selected for its ability to recognize S100A7 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	S100A7
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Target Details

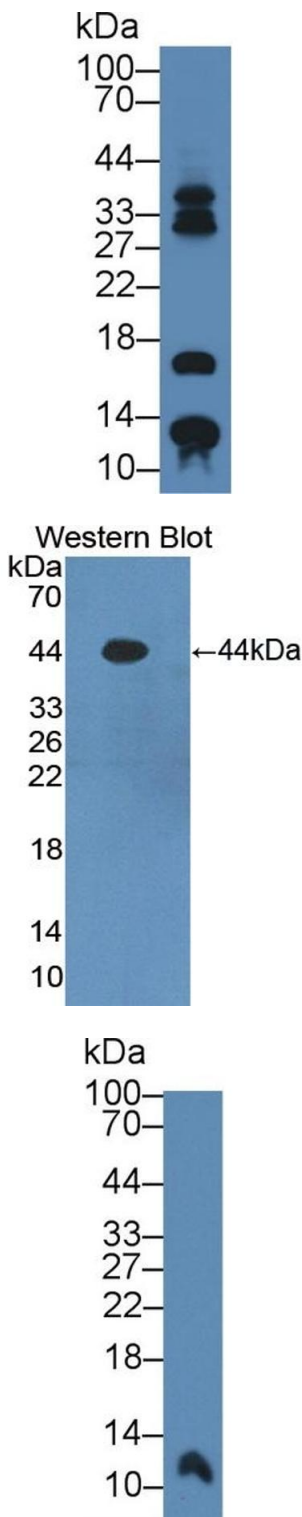
Alternative Name:	S100 Calcium Binding Protein A7 (S100A7 Products)
Background:	S100-A7, PSOR1, S100A7c, Psoriasin 1
Pathways:	S100 Proteins

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 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



Western Blotting

Image 1. Detection of S100A7 in Bovine Pancreas lysate using Polyclonal Antibody to S100 Calcium Binding Protein A7 (S100A7)

Western Blotting

Image 2. Detection of recombinant S100A7 using Polyclonal Antibody to S100 Calcium Binding Protein A7 (S100A7)

Western Blotting

Image 3. Detection of S100A7 in Bovine Thymus lysate using Polyclonal Antibody to S100 Calcium Binding Protein A7 (S100A7)