

Datasheet for ABIN7436924
anti-s100a4 antibody (AA 1-101)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	s100a4 (S100A4)
Binding Specificity:	AA 1-101
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This s100a4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to S100 Calcium Binding Protein A4 (S100A4)
Immunogen:	Recombinant S100 Calcium Binding Protein A4 (S100A4) corresponding to Met1~Lys101 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against S100A4. It has been selected for its ability to recognize S100A4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

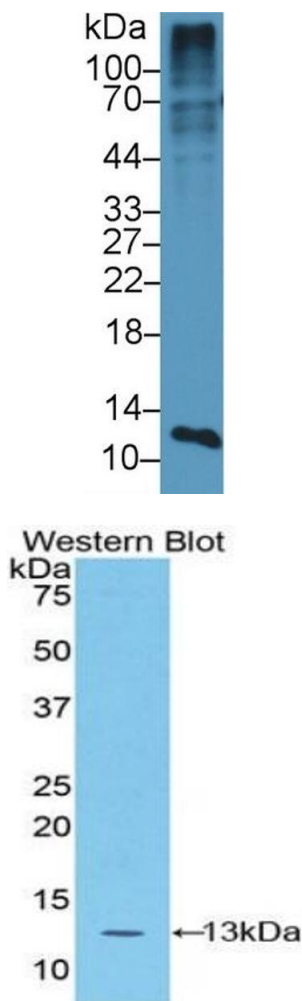
Target:	s100a4 (S100A4)
Alternative Name:	S100 Calcium Binding Protein A4 (S100A4 Products)
Background:	S100-A4, MTS1, 18A2, 42A, CAPL, P9KA, PEL98, Calcium protein, Calvasculin, Metastasin, Protein Mts1, Placental calcium-binding protein, Murine placental homolog
Pathways:	S100 Proteins

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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 S100A4 in Mouse Placenta lysate using Polyclonal Antibody to S100 Calcium Binding Protein A4 (S100A4)

Western Blotting

Image 2. Detection of Recombinant S100A4, Mouse using Polyclonal Antibody to S100 Calcium Binding Protein A4 (S100A4)