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Datasheet for ABIN7434071

anti-S100A9 antibody (AA 1-114)

2 Images

Overview

Quantity:	100 µL
Target:	S100A9
Binding Specificity:	AA 1-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to S100 Calcium Binding Protein A9 (S100A9)
Immunogen:	Recombinant S100 Calcium Binding Protein A9 (S100A9) corresponding to Met1~Pro114 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against S100A9. It has been selected for its ability to recognize S100A9 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

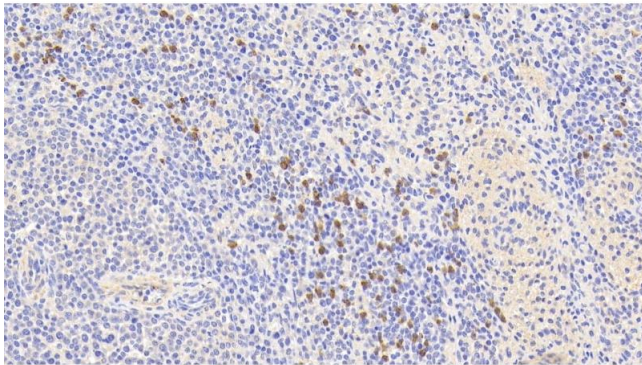
Target:	S100A9
Alternative Name:	S100 Calcium Binding Protein A9 (S100A9 Products)
Background:	MRP14, MIF, 60B8AG, CFAG, NIF, CAGB, CGLB, L1AG, P14, Calgranulin B, Migration inhibitory factor-related protein 14, Calprotectin L1H subunit, Leukocyte L1 complex heavy chain
Pathways:	Transition Metal Ion 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

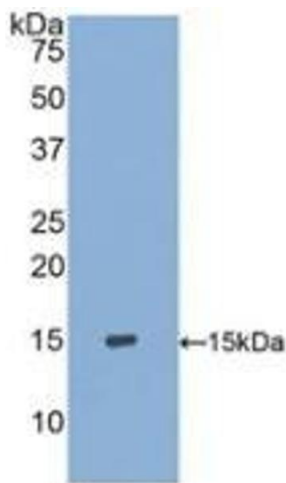
Handling

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



Immunohistochemistry

Image 1. Detection of S100A9 in Human Spleen Tissue using Polyclonal Antibody to S100 Calcium Binding Protein A9 (S100A9)



Western Blotting

Image 2. Detection of Recombinant S100A9, Human using Polyclonal Antibody to S100 Calcium Binding Protein A9 (S100A9)