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Datasheet for ABIN7430387 anti-S100 Protein (S100) (AA 2-94) antibody





Overview

Quantity:	100 µL
Target:	S100 Protein (S100)
Binding Specificity:	AA 2-94
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

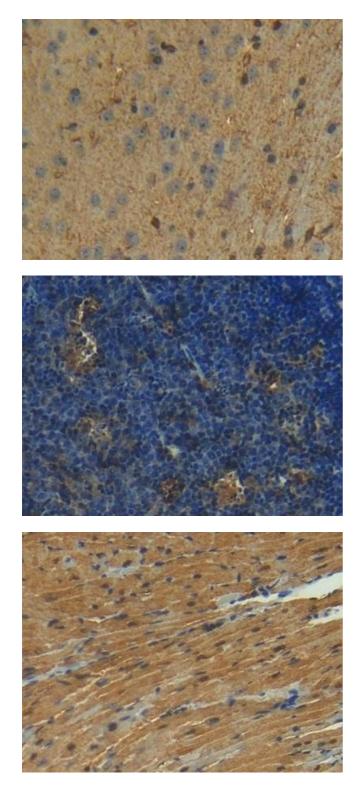
Product Details

Purpose:	Polyclonal Antibody to S100 Calcium Binding Protein (S100)
Immunogen:	Recombinant S100 Calcium Binding Protein (S100) corresdonding to Gly2~Ser94 (Accession # P56565)
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against S100. It has been selected for its ability to recognize S100 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Cow, Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details	
Target:	S100 Protein (S100)
Alternative Name:	S100 Calcium Binding Protein (S100 Products)
Background:	S100-A1, S100A1, S100-Alpha, S-100 Protein, S-100 protein subunit alpha, S-100 protein alpha chain
Pathways:	Regulation of Muscle Cell Differentiation, Toll-Like Receptors Cascades, 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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Immunohistochemistry

Image 1. Detection of S100 in Mouse Cerebrum Tissue using Polyclonal Antibody to S100 Calcium Binding Protein (S100)

Immunohistochemistry

Image 2. Detection of S100 in Mouse Lymph node Tissue using Polyclonal Antibody to S100 Calcium Binding Protein (S100)

Immunohistochemistry

Image 3. Detection of S100 in Mouse Heart Tissue using Polyclonal Antibody to S100 Calcium Binding Protein (S100)

Please check the product details page for more images. Overall 5 images are available for ABIN7430387.

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