



Datasheet for ABIN541047
anti-S100A1 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	S100A1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit polyclonal antibody raised against recombinant S100A1.
Immunogen:	Recombinant protein corresponding to human S100A1.
Specificity:	This antibody recognizes 22 KDa for non-reduced S100A1 and 11 KDa for reduced S100A1.
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	S100A1
Alternative Name:	S100A1 (S100A1 Products)
Gene ID:	6271

Target Details

Pathways: [Regulation of Muscle Cell Differentiation](#), [Toll-Like Receptors Cascades](#), [S100 Proteins](#)

Application Details

Application Notes: Western Blot (0.1-1 µg/mL)
ELISA (0.01-0.1 µg/mL)
Immunoprecipitation (2-5 µg/mL)
Immunohistochemistry (1:300)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In TBS, pH 7.2 (BSA, 10 % Proclin300)

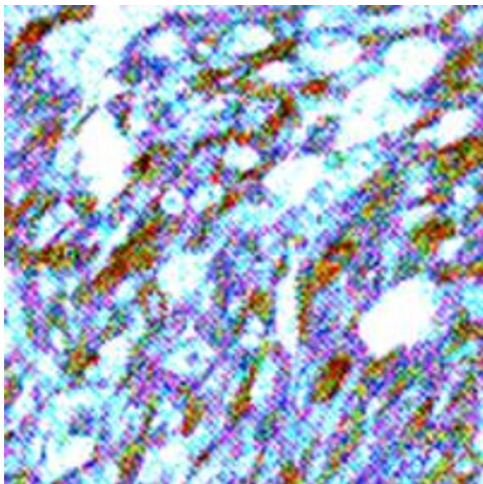
Preservative: ProClin

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, -80 °C

Storage Comment: Store at 4°C. For long term storage store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing. Upon initial thawing, apportion into working aliquots and store at -80°C for up to six months.

Images



Immunohistochemistry

Image 1. Immunohistochemical staining of human melanoma with S100A1 polyclonal antibody at 1 : 300 for 10 min at RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.