




Anti-S100A4 antibody ab58597

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Overview

Product name	Anti-S100A4 antibody
Description	Goat polyclonal to S100A4
Host species	Goat
Specificity	Both variants (NP_002952.1; NP_062427.1) represent identical protein.
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Dog 
Immunogen	Synthetic peptide: CNEFFEGFPDKQP , corresponding to C terminal amino acids 86-98 of Human S100A4  Run BLAST with  Run BLAST with
Positive control	Human Placenta lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality	Polyclonal
Isotype	IgG

Applications

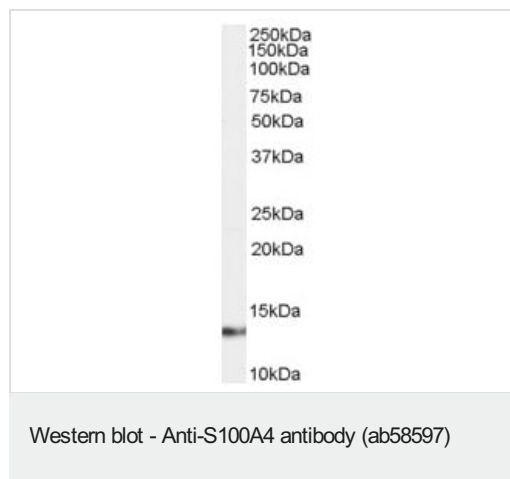
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab58597 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.
WB		Use a concentration of 0.03 - 0.1 µg/ml. Detects a band of approximately 13 kDa (predicted molecular weight: 12 kDa). 1 hour primary incubation is recommended for this product.

Target

Tissue specificity	Ubiquitously expressed.
Sequence similarities	Belongs to the S-100 family. Contains 2 EF-hand domains.

Images

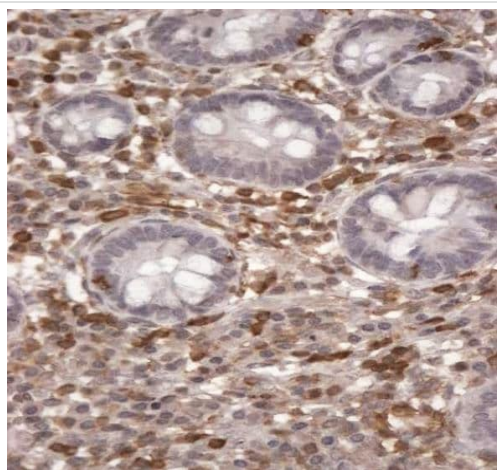


Anti-S100A4 antibody (ab58597) at 0.03 µg/ml + Peripheral blood mononuclear cell lysate (in RIPA buffer) at 35 µg

Predicted band size: 12 kDa

Observed band size: 13 kDa

Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-S100A4 antibody (ab58597)

ab58597 at a concentration of 2µg/ml staining S100A4 in Human small intestine tissue sections by immunohistochemistry (paraffin-embedded). Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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