


Product datasheet

Anti-S100A10 antibody ab137658

3 Images

Overview

Product name	Anti-S100A10 antibody
Description	Rabbit polyclonal to S100A10
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Rabbit, Cow, Monkey 
Immunogen	Synthetic peptide, corresponding to a region within amino acids 1-26 of Human S100A10.
Positive control	A431 whole cell lysate, H1299 and HeLa whole cell lysate. Gastric carcinoma tissue
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. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab137658 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

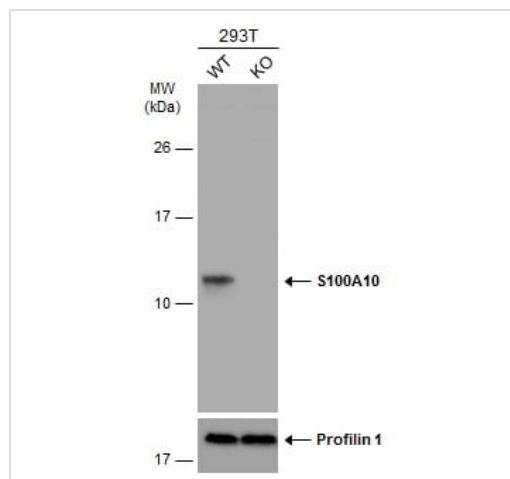
Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 11 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Antigen retrieval using heat mediated Tris/EDTA buffer (pH 8.0) is also possible.

Target

Function Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.

Sequence similarities Belongs to the S-100 family.

Images



Western blot - Anti-S100A10 antibody (ab137658)

All lanes : Anti-S100A10 antibody (ab137658) at 1/1000 dilution

Lane 1 : WT 293T cell extracts

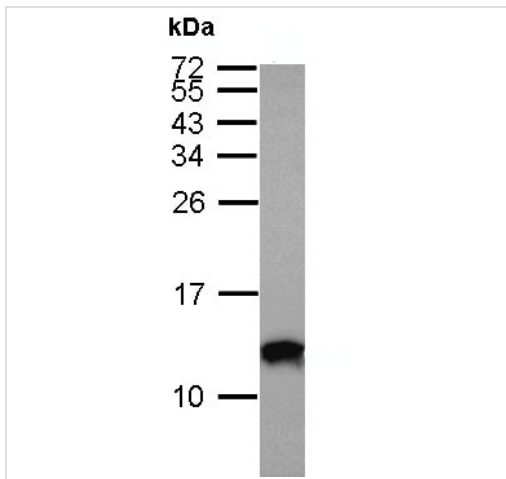
Lane 2 : S100A10 Knockout 293T cell extracts

Lysates/proteins at 30 µg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG

Predicted band size: 11 kDa

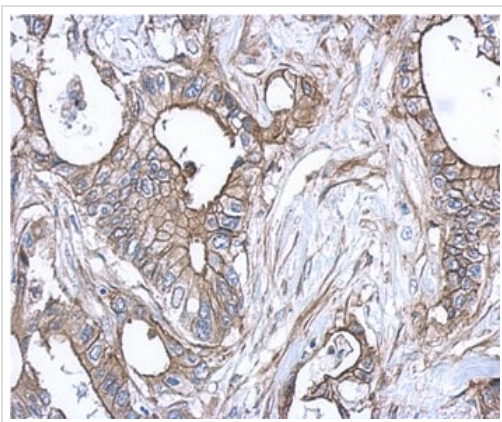


Western blot - Anti-S100A10 antibody (ab137658)

Anti-S100A10 antibody (ab137658) at 1/1000 dilution + A431
whole cell lysate
at 30 µg

Predicted band size: 11 kDa

15% SDS PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-S100A10 antibody (ab137658)

Immunohistochemical analysis of paraffin-embedded gastric carcinoma labelling S100A10 with ab137658 at 1/500 dilution.

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

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