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# Datasheet for ABIN3015804 anti-S100A10 antibody (AA 1-97)

8 Images



## Overview

Sequence:

Isotype:

Cross-Reactivity:

Characteristics:

Quantity:	100 µL
Target:	S100A10
Binding Specificity:	AA 1-97
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-97 of human S100A10 (NP_002957.1).

Target Details	
Target:	S100A10

QCRDGKVGFQ SFFSLIAGLT IACNDYFVVH MKQKGKK

lgG

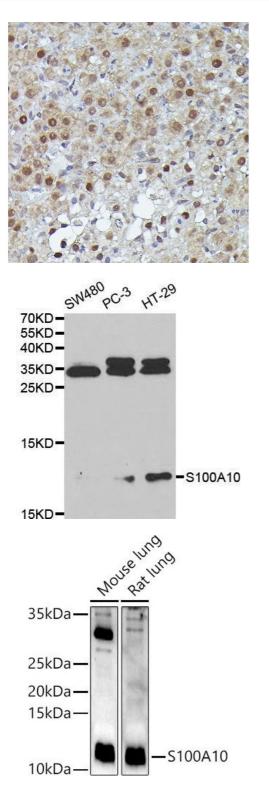
Human, Monkey, Mouse, Rat

Polyclonal Antibodies

MPSQMEHAME TMMFTFHKFA GDKGYLTKED LRVLMEKEFP GFLENQKDPL AVDKIMKDLD

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Target Details		
Alternative Name:	S100A10 (S100A10 Products)	
Background:	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF- hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in exocytosis and endocytosis.,S100A10,42C,ANX2L,ANX2LG,CAL1L,CLP11,Ca[1],GP11,P11,p10,Signal Transduction,Cell Biology & Developmental Biology,Cell Adhesion,Annexins,Cytoskeleton,Neuroscience,Calcium Signaling,S100A10	
Molecular Weight:	11 kDa	
Gene ID:	6281	
UniProt:	P60903	
Pathways:	S100 Proteins	
Application Details		
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200	
Restrictions:	For Research Use only	
Handling		
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human esophagus using S100 Rabbit pAb (ABIN3015803, ABIN3015804, ABIN3015805, ABIN1682607 and ABIN6219148) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using S100A10 antibody.

### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using S100 antibody (ABIN3015803, ABIN3015804, ABIN3015805, ABIN1682607 and ABIN6219148) at 1:400 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.

Please check the product details page for more images. Overall 8 images are available for ABIN3015804.

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