

A1987

Leader in Biomolecular Solutions for Life Science



# S100A10 Rabbit pAb

Catalog No.: A1987

3 Publications

## Basic Information

### Observed MW

11kDa

### Calculated MW

11kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat,Monkey

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:50 - 1:200

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

6281

### Swiss Prot

P60903

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

42C; P11; p10; GP11; ANX2L; CAL1L; CLP11; Ca[1]; ANX2LG; S100A10

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

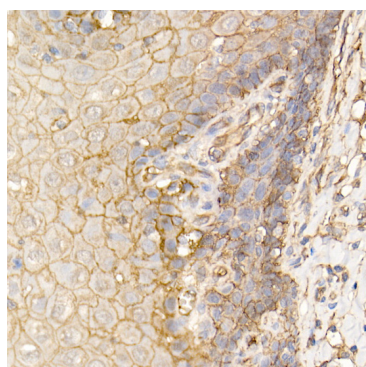
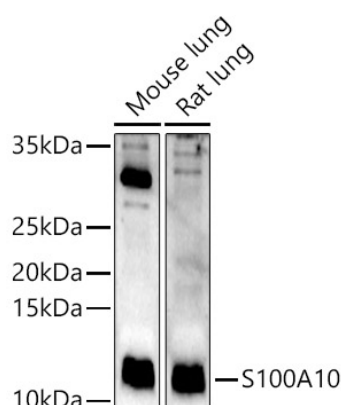
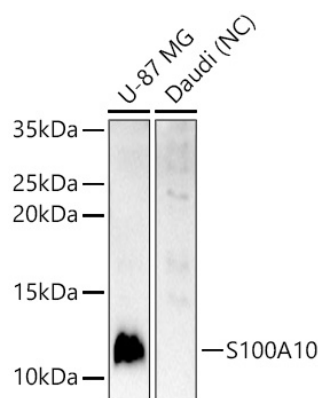
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Contact

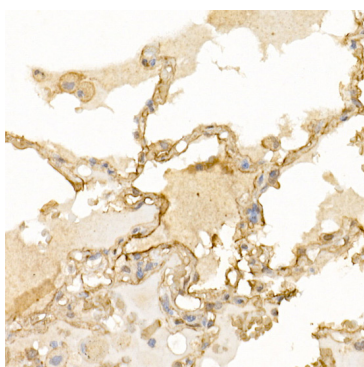


[www.abclonal.com](http://www.abclonal.com)

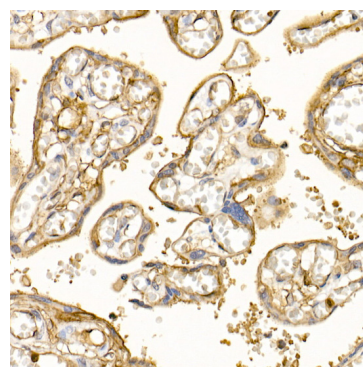
## Validation Data



Immunohistochemistry analysis of paraffin-embedded Human esophagus using S100A10 Rabbit pAb (A1987) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



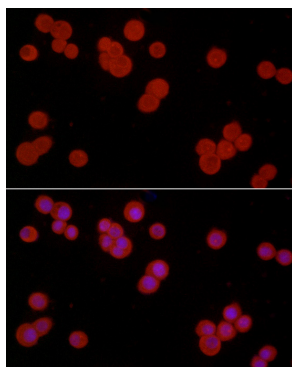
Immunohistochemistry analysis of paraffin-embedded Human lung using S100A10 Rabbit pAb (A1987) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



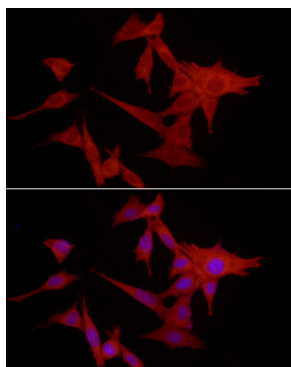
Immunohistochemistry analysis of paraffin-embedded Human placenta using S100A10 Rabbit pAb (A1987) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

## Validation Data

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Immunofluorescence analysis of HT-29 cells using S100A10 Rabbit pAb (A1987) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using S100A10 Rabbit pAb (A1987) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.