

# S100A10 Rabbit mAb

Catalog No.: A13614

Recombinant

2 Publications

## Basic Information

### Observed MW

11kDa

### Calculated MW

11kDa

### Category

Primary antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC0720

## 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** 1:1000 - 1:2000

**IHC-P** 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

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

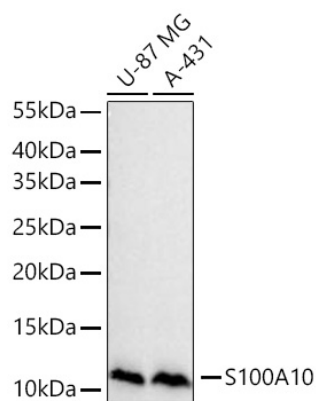
Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using S100A10 Rabbit mAb (A13614) at 1:1000 dilution incubated at room temperature for 1.5 hours.

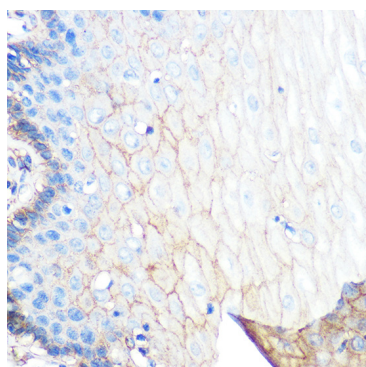
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45s.



Immunohistochemistry analysis of paraffin-embedded Human esophageal using S100A10 Rabbit mAb (A13614) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.