

S100A12 Rabbit Polyclonal Antibody



CAB5328

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to figures

Calculated MW:

10kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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 is proposed to be involved in specific calcium-dependent signal transduction pathways and its regulatory effect on cytoskeletal components may modulate various neutrophil activities. The protein includes an antimicrobial peptide which has antibacterial activity.

Immunogen information

Gene ID:

6283

Uniprot

P80511

Synonyms:

S100A12; CAAF1; CAGC; CGRP; ENRAGE; MRP-6; MRP6; p6

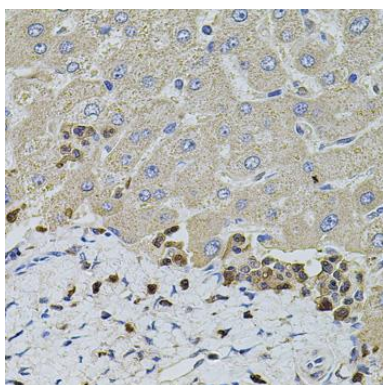
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-92 of human S100A12 (NP_005612.1).

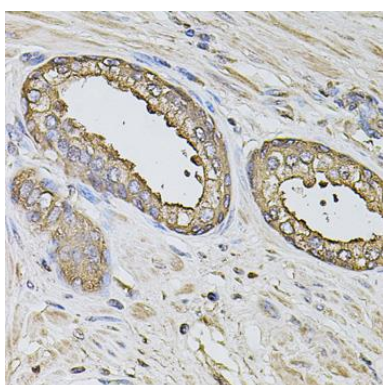
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

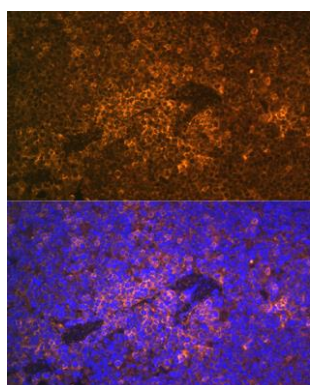
Product Images



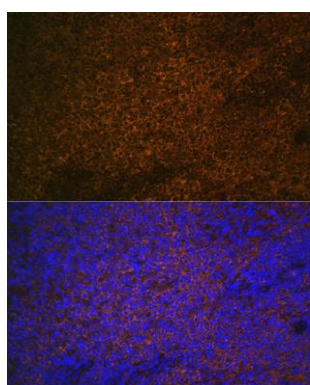
Immunohistochemistry of paraffin-embedded human liver damage using S100A12 antibody (CAB5328) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human prostate using S100A12 antibody (CAB5328) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of Mouse spleen using S100A12 Rabbit pAb (CAB5328) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Rat spleen using S100A12 Rabbit pAb (CAB5328) at dilution of 1:100. Blue: DAPI for nuclear staining.