Product Datasheet

S100A12 Antibody

Catalog No: #32775

Package Size: #32775-1 50ul #32775-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

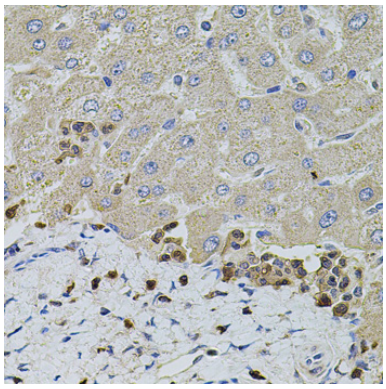
Description

Product Name	S100A12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total S100A12 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human S100A12.
Conjugates	Unconjugated
Target Name	S100A12
Other Names	p6; CAGC; CGRP; MRP6; CAAF1
Accession No.	Swiss-Prot:P80511NCBI Gene ID:6283
SDS-PAGE MW	10KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

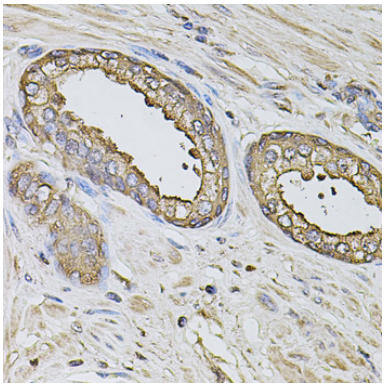
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

Images



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



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

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.

Published Papers

el at., Identification and Verification of Five Potential Biomarkers Related to Skin and Thermal Injury Using Weighted Gene Co-Expression Network Analysis. In Front Genet on 2022 Jan 3 by Ronghua Yang, Zhengguang Wang,et al..PMID:35047008, , (2022)

PMID:35047008

Note: This product is for in vitro research use only and is not intended for use in humans or animals.