

For Research Use Only

# S100A12 Polyclonal antibody

Catalog Number: 16630-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 16630-1-AP	<b>GenBank Accession Number:</b> BC070294	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 600 µg/ml	<b>GeneID (NCBI):</b> 6283	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P80511	
<b>Isotype:</b> IgG	<b>Full Name:</b> S100 calcium binding protein A12	
<b>Immunogen Catalog Number:</b> AG9961	<b>Calculated MW:</b> 92 aa, 11 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IHC	<b>IHC:</b> human tonsillitis tissue, human colon cancer tissue
<b>Species Specificity:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

S100A12 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. S100A12 is expressed abundantly in granulocytes, and has been implicated to play an important role on inflammatory reactions in various disease states.

## Notable Publications

Author	Pubmed ID	Journal	Application
Claire Stenhouse	35134855	Biol Reprod	IHC

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

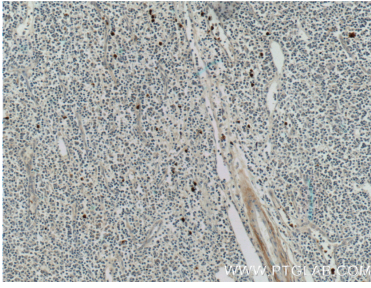
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

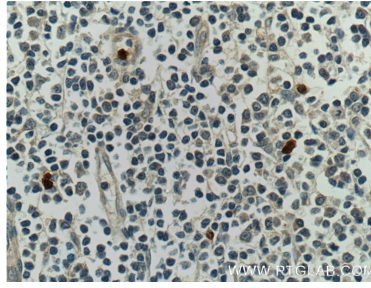
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16630-1-AP (S100A12 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16630-1-AP (S100A12 Antibody) at dilution of 1:200 (under 40x lens).