

For Research Use Only

# S100A7/Psoriasin Polyclonal antibody

Catalog Number: 13061-1-AP

9 Publications



## Basic Information

<b>Catalog Number:</b> 13061-1-AP	<b>GenBank Accession Number:</b> BC034687	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 600 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6278	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P31151	
<b>Isotype:</b> IgG	<b>Full Name:</b> S100 calcium binding protein A7	
<b>Immunogen Catalog Number:</b> AG3738	<b>Calculated MW:</b> 101 aa, 11 kDa	
	<b>Observed MW:</b> 11 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, IHC : human oesophagus cancer tissue, human breast cancer tissue IF/ICC : MCF-7 cells,
<b>Cited Applications:</b> WB, IHC, IF	
<b>Species Specificity:</b> human	
<b>Cited Species:</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

S100A7 (psoriasin), a member of the S100 protein family, is a well-known antimicrobial peptide and a signaling molecule which regulates cellular function and is expressed in many squamous cell carcinomas (SCCs), such as SCC of the skin. It is an EF-hand type calcium binding protein localized in epithelial cells, regulates cell proliferation and differentiation. The protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qingqing Sun	33675277	Cell Biol Int	WB
T Yuan	33428294	J Eur Acad Dermatol Venereol	WB
Xinxin Liu	32319620	Mol Med Rep	WB

## 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

\*\*\* 20ul sizes contain 0.1% BSA

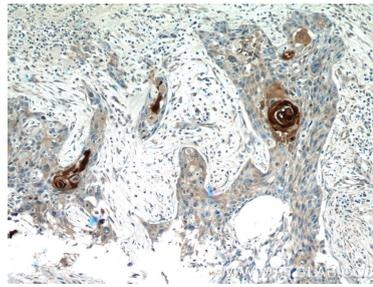
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

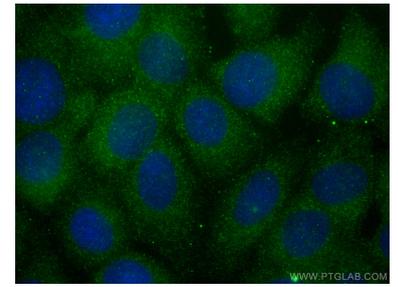
## Selected Validation Data



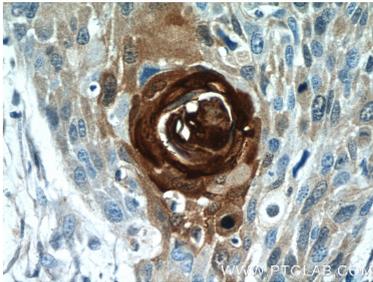
MCF-7 cells were subjected to SDS PAGE followed by western blot with 13061-1-AP (S100A7/Psoriasin antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 13061-1-AP (S100A7/Psoriasin antibody at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using S100A7/Psoriasin antibody (13061-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 13061-1-AP (S100A7/Psoriasin antibody at dilution of 1:50 (under 40x lens).