

For Research Use Only

S100A7/Psoriasin Polyclonal antibody

Catalog Number: 26656-1-AP



Basic Information

Catalog Number: 26656-1-AP	GenBank Accession Number: BC034687	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6278	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P31151	
Isotype: IgG	Full Name: S100 calcium binding protein A7	
Immunogen Catalog Number: AG24717	Calculated MW: 101 aa, 11 kDa	
	Observed MW: 11 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : MCF-7 cells, MDA-MB-468 cells IHC : human oesophagus cancer tissue,
Species Specificity: 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.

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

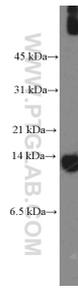
For technical support and original validation data for this product please contact:

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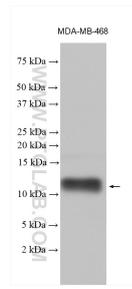
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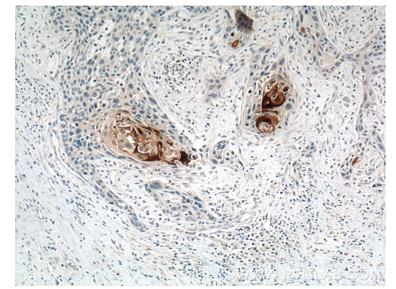
Selected Validation Data



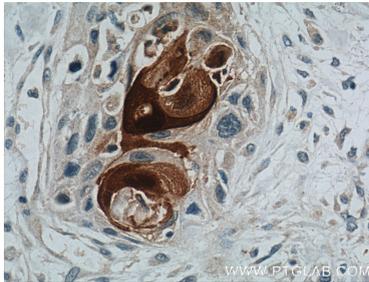
MCF-7 cells were subjected to SDS PAGE followed by western blot with 26656-1-AP (S100A7/Psoriasin antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



MDA-MB-468 cells were subjected to SDS PAGE followed by western blot with 26656-1-AP (S100A7/Psoriasin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 26656-1-AP (S100A7/Psoriasin antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 26656-1-AP (S100A7/Psoriasin antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).