

For Research Use Only

Mammaglobin A Polyclonal antibody



Catalog Number: 23501-1-AP

1 Publications

Basic Information

Catalog Number: 23501-1-AP	GenBank Accession Number: BC067220	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 300 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4250	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: secretoglobin, family 2A, member 2	
Isotype: IgG	Calculated MW: 120 aa, 13 kDa	
Immunogen Catalog Number: AG20122	Observed MW: 6-10 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : MCF-7 cells, IHC : human breast cancer tissue,
Cited Applications: IHC	
Species Specificity: human	
Cited Species: 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

SCGB2A2, also known as mammaglobin A, is a member of the secretoglobin superfamily. It is a breast cancer-associated antigen almost exclusively over-expressed in primary and metastatic human breast cancers, making it a specific molecular marker and a potential therapeutic target for breast cancer. SCGB2A2 is a 93-amino acid protein with a calculated molecular weight of 10.5 kDa. This polyclonal antibody is raised against the C-terminal 71 amino acids of the protein encoded by a cDNA (MGC:71974; BC067220).

Notable Publications

Author	Pubmed ID	Journal	Application
Bo Liu	27278284	Mol. Med Rep	IHC

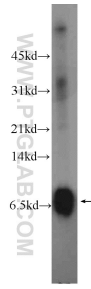
Storage

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

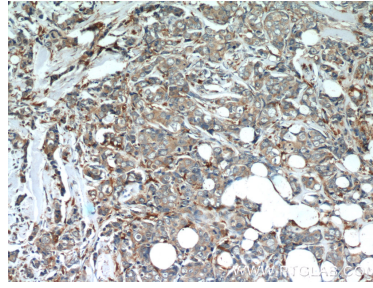
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

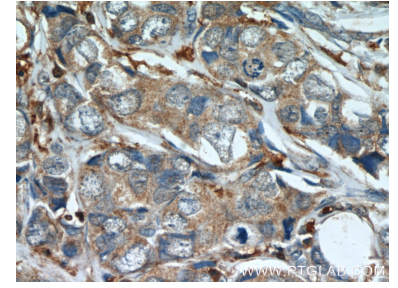
Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 23501-1-AP (Mammaglobin A antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 23501-1-AP (Mammaglobin A antibody at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 23501-1-AP (Mammaglobin A antibody at dilution of 1:50.