

For Research Use Only

# Mammaglobin A Polyclonal antibody



Catalog Number: 25645-1-AP

## Basic Information

<b>Catalog Number:</b> 25645-1-AP	<b>GenBank Accession Number:</b> BC128252	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4250	<b>Recommended Dilutions:</b> IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> secretoglobin, family 2A, member 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 93 aa, 10 kDa	
<b>Immunogen Catalog Number:</b> AG22324		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human breast cancer tissue, human breast tissue
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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.

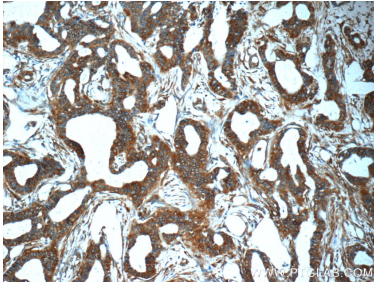
## Storage

**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

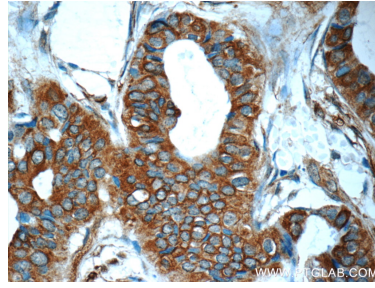
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25645-1-AP (Mammaglobin A antibody at dilution of 1:50) (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25645-1-AP (Mammaglobin A antibody at dilution of 1:50) (under 40x lens).