

Mammaglobin A Polyclonal antibody

Catalog Number: 23501-1-AP

1 Publications

Basic Information

Catalog Number:

23501-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20122

GenBank Accession Number:

BC067220

GeneID (NCBI):

4250

UNIPROT ID:

Q13296

Full Name:

secretoglobin, family 2A, member 2

Calculated MW:

120 aa, 13 kDa

Observed MW:

6-10 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

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

Positive Controls:

WB : MCF-7 cells,

IHC : human breast cancer tissue,

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

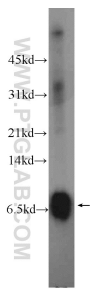
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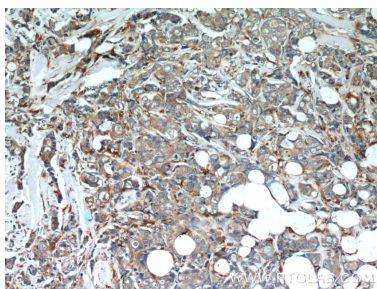
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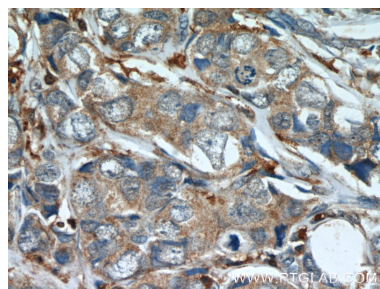
Selected Validation Data



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.