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Mammaglobin A Rabbit pAb

Catalog # AP98815

Product Information

Application	IHC-P, IHC-F, IF, E
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse Mammaglobin A
Epitope Specificity	41-96/96
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the secretoglobin family. Lipophilin subfamily.
SUBUNIT	Prostatein is composed of three different peptides called C1, C2 and C3. These form covalent C1:C3 (F) and C2:C3 (S) heterodimers whose non-covalent association forms tetrameric (C1:C3/C3:C2) prostatein molecules.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Mammaglobin is a gene that is expressed almost exclusively in the normal breast epithelium and human breast cancer. It is a member of the secretoglobin gene family and forms a heterodimer with lipophilin B. It has been suggested that mammaglobin may be a useful marker for breast cancer clinical research. Studies investigating the detection of mRNA by RT PCR from circulating carcinoma cells in the peripheral blood of breast cancer patients have shown that mammaglobin is a highly specific marker and correlates with several prognostic factors, such as lymph node involvement.

Additional Information

Other Names	C3.1; Psbp1; Psbpc3; Scgb2a2; SG2A2_HUMAN; Mammaglobin-1; Secretoglobin family 2A member 2; MGB1; UGB2; mammaglobin 1; prostatic steroid binding protein 1; prostatic steroid-binding protein 1; mammaglobin-A
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	Mammaglobin A Rabbit pAb
Function	Part of prostatein which is the major secretory glycoprotein of ventral prostate gland. Steroid-binding protein; can bind non-polar steroids,

cholesterol and a group of small proline-rich peptides.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.