Rabbit Mammaglobin B Polyclonal Antibody | anti-SCGB2A1 antibody

Anti-Mammaglobin B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269596	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

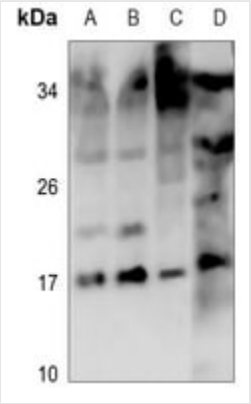
PRODUCT SYNONYMS

Mammaglobin B; Polyclonal Antibody; Anti-Mammaglobin B Antibody; LIPHC; MGB2; UGB3; Mammaglobin-B; Lacryglobin; Lipophilin-C; Mammaglobin-2; Secretoglobin family 2A member 1; anti-SCGB2A1 antibody

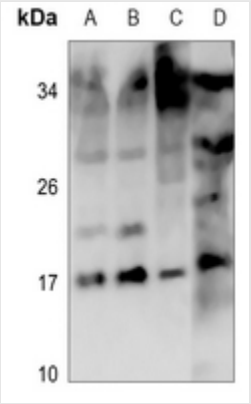
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-SCGB2A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Mammaglobin B. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

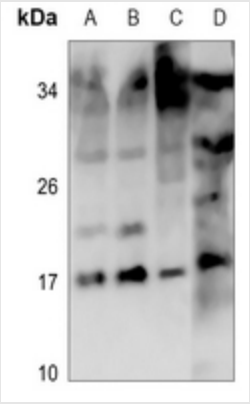
IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of Mammaglobin B staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohiostchemistry)
Immunohistochemical analysis of Mammaglobin B staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of Mammaglobin B expression in HepG2 (A), H1688 (B), mouse testis (C), rat kidney (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SCGB2A1 antibody	Rabbit polyclonal antibody to Mammaglobin B
Product Categories/Family for anti-SCGB2A1 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505171
NCBI GeneID	4246
NCBI Accession #	NP_002398.1
NCBI GenBank Nucleotide #	NM_002407.2
UniProt Accession #	O75556
Molecular Weight	10,884 Da
NCBI Official Full Name	mammaglobin-B
NCBI Official Synonym Full Names	secretoglobin, family 2A, member 1
NCBI Official Symbol	SCGB2A1
NCBI Official Synonym Symbols	LPHC; LPNC; MGB2; UGB3
NCBI Protein Information	mammaglobin-B; lacryglobin; lipophilin C; lipophilin-C; mammaglobin 2; mammaglobin B; mammaglobin-2
UniProt Protein Name	Mammaglobin-B
UniProt Gene Name	**SCGB2A1**
UniProt Synonym Gene Names	LIPHC; MGB2; UGB3
UniProt Entry Name	SG2A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/mammaglobin-b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/269596