

## Rabbit anti-Human SPACA5B Polyclonal Antibody | anti-SPACA5 antibody

SPACA5B Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA285610 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

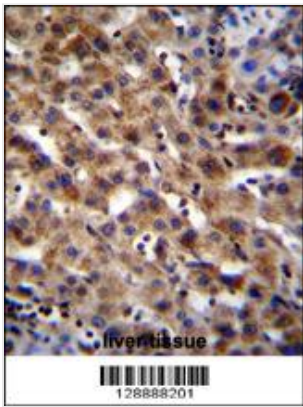
### PRODUCT SYNONYMS

SPACA5B; Polyclonal Antibody; SPACA5B Antibody (N-term); Sperm acrosome-associated protein 5; Lysozyme-like protein 5; Sperm-specific lysozyme-like protein X; SLLP-X; SPACA5; LYZL5; SPACA5A; anti-SPACA5 antibody

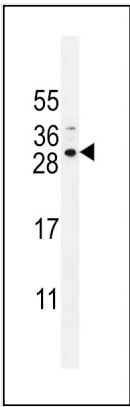
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This SPACA5B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human SPACA5B.     |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                    | Vial Concentration: 0.48 (varies by lot)                                                                                                                                     |
| Sequence Positions                               | 17-45                                                                                                                                                                        |
| Sequence Length                                  | 159                                                                                                                                                                          |
| Applicable Applications for anti-SPACA5 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
SPACA5B Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SPACA5B Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
SPACA5B Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the SPACA5B antibody detected the SPACA5B protein (arrow).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-SPACA5 antibody | Cardiovascular; Metabolism                                                                                                                                                     |
| References                                         | Chen, Y.T., et al. Genes Chromosomes Cancer 45(4):392-400(2006)<br>Ross, M.T., et al. Nature 434(7031):325-337(2005)<br>Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 120952755                           |
| NCBI GeneID                      | 729201                              |
| NCBI Accession #                 | NP_001073369.1; NP_995328.2         |
| NCBI GenBank Nucleotide #        | NM_001079900.1                      |
| UniProt Accession #              | Q96QH8; Q6UWD1                      |
| Molecular Weight                 | 17896                               |
| NCBI Official Full Name          | sperm acrosome-associated protein 5 |
| NCBI Official Synonym Full Names | sperm acrosome associated 5B        |
| NCBI Official Symbol             | SPACA5B                             |
| NCBI Protein Information         | sperm acrosome-associated protein 5 |
| UniProt Protein Name             | Sperm acrosome-associated protein 5 |
| UniProt Gene Name                | SPACA5                              |
| UniProt Synonym Gene Names       | LYZL5; SPACA5A; SLLP-X              |
| UniProt Entry Name               | LYZL5_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.