

## Rabbit anti-Mouse SPACA5 Polyclonal Antibody | anti-SPACA5 antibody

SPACA5 Antibody (Center)

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA289774</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

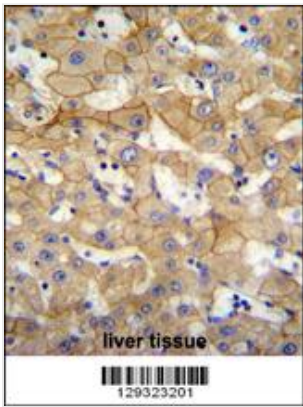
### PRODUCT SYNONYMS

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

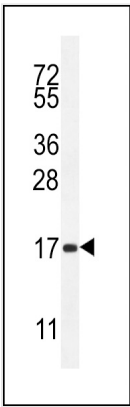
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Mouse                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This SPACA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-69 amino acids from the Central region of human SPACA5.          |
| 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: 0.4 (varies by lot)                                                                                                                                      |
| Sequence Positions                               | 40-69                                                                                                                                                                        |
| 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)**  
SPACA5 Antibody (Center) 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 SPACA5 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
SPACA5 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the SPACA5 antibody detected the SPACA5 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>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.