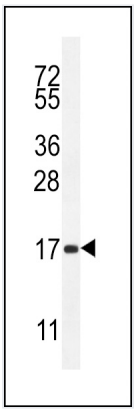
SPACA5 Antibody – Rabbit Polyclonal

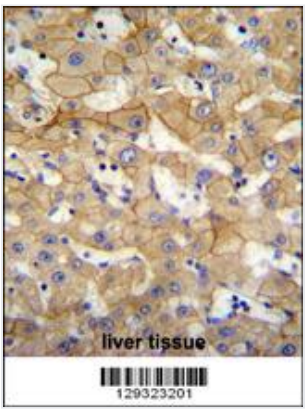
PRODUCT OVERVIEW

Product Name	SPACA5, Polyclonal Antibody
Full Product Name	SPACA5 Antibody (Center)
Product Gene Name	anti-SPACA5 antibody
Product Synonym Names	Sperm acrosome-associated protein 5; Lysozyme-like protein 5; Sperm-specific lysozyme-like protein X; SLLP-X; SPACA5; LYZL5; SPACA5A
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Mouse
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.4 (lot specific)
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.
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.
Antibody/Peptide Pairs	SPACA5 peptide (MBS9218643) is used for blocking the activity of SPACA5 antibody (MBS9213998)
Molecular Weight	17896
Immunogen Sequence Positions	40-69
OMIM	300593
3D Structure	ModBase 3D Structure for Q96QH8
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Product Categories/Family for anti-SPACA5 antibody	Cardiovascular; Metabolism
Applications Tested/Suitable for anti-SPACA5 antibody	Western Blot (WB), ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-SPACA5 antibody	WB~~1:1000
Related Product Information for anti-SPACA5 antibody	MBS9213998 is an antibody targeting SPACA5. Also known as SPACA5 Antibody (Center). Reactive in Mouse. Host: Rabbit.
Product References and Citations for anti-SPACA5 antibody	Chen, Y.T., et al. Genes Chromosomes Cancer 45(4):392-400(2006) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)

Other Notes	Small volumes of anti-SPACA5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-SPACA5 antibody
SPACA5 Antibody (Center) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the SPACA5 antibody detected the SPACA5 protein (arrow).



Immunohistochemistry (IHC) of anti-SPACA5 antibody
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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SPACA5. It may not necessarily be applicable to this product.

NCBI GI #	120952755
NCBI GeneID	729201
NCBI Accession #	NP_001073369.1
NCBI Related Accession #	NP_995328.2
UniProt Primary Accession #	Q96QH8
UniProt Secondary Accession #	Q6UWD1
UniProt Related Accession #	Q96QH8
GenBank Nucleotide #	NM_001079900.1
NCBI Official Full Name	sperm acrosome-associated protein 5
NCBI Official Synonym Full Names	sperm acrosome associated 5B
NCBI Official Symbol	SPACA5B
UniProt Protein Name	Sperm acrosome-associated protein 5
UniProt Synonym Protein Names	Lysozyme-like protein 5; Sperm-specific lysozyme-like protein X; SLLP-X
Protein Family	Sperm acrosome-associated protein
UniProt Gene Name	SPACA5
UniProt Synonym Gene Names	LYZL5; SPACA5A; SLLP-X
UniProt Entry Name	LYZL5_HUMAN
NCBI Protein Information	sperm acrosome-associated protein 5

UniProt Comments for SPACA5	SPACA5B: Belongs to the glycosyl hydrolase 22 family. Protein type: EC 3.2.1.17; Secreted, signal peptide; Hydrolase; Secreted Chromosomal Location of Human Ortholog: Xp11.23 Cellular Component: extracellular region Molecular Function: lysozyme activity Biological Process: metabolic process
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/polyclonal-mouse-antibody/spaca5/9213998