

兔抗 SPACA3 多克隆抗体

中文名称：兔抗 SPACA3 多克隆抗体

英文名称：Anti-SPACA3 rabbit polyclonal antibody

别名：CT54; LYC3; LYZL3; SLLP1; ALLP17; 1700025M08Rik

抗原：SPACA3

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

反应种属：Human

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

SPACA3 (sperm acrosome associated 3), also known as sperm lysozyme-like protein 1, lysozyme-like protein 3, lysozyme-like acrosomal sperm-specific secretory protein ALLP-17, cancer/testis antigen 54 (CT54), LYC3, SPRASA or LYZL3, is a 215 amino acid protein that participates in the fusion and adhesion of sperm and egg plasma membrane during fertilization. Identified as a novel cancer/testis antigen in hematologic malignancies, SPACA3 has the ability to elicit B-cell immune responses in patients with cancer and is considered a potential target for immunotherapy. A member of the glycosyl hydrolase 22

	family which is expressed in testis, placenta and epididymis, SPACA3 exists as two alternatively spliced isoforms; SPACA3 isoform 1 is a single-pass type II membrane protein of the sperm acrosome whereas SPACA3 isoform 2 is a secreted protein. Sperm surface membrane protein that may be involved in sperm-egg plasma membrane adhesion and fusion during fertilization. It could be a potential receptor for the egg oligosaccharide residue N-acetylglucosamine, which is present in the extracellular matrix over the egg plasma membrane. The processed form has no detectable bacteriolytic activity in vitro.
Applications:	ELISA, IHC
Name of antibody:	SPACA3
Immunogen:	Full length fusion protein
Full name:	sperm acrosome associated 3
Synonyms :	CT54; LYC3; LYZL3; SLLP1; ALLP17; 1700025M08Rik
SwissProt:	Q8IXA5
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human thyroid cancer
IHC Recommend dilution:	30-150

