

LYZL6 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16919c**Specification**

LYZL6 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O75951
Other Accession	NP_065159.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	16956
Antigen Region	37-65

LYZL6 Antibody (Center) - Additional Information**Gene ID** 57151**Other Names**

Lysozyme-like protein 6, LYZL6, LYC1

Target/Specificity

This LYZL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-65 amino acids from the Central region of human LYZL6.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

LYZL6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LYZL6 Antibody (Center) - Protein Information**Name** LYZL6**Synonyms** LYC1

Function May be involved sperm-egg plasma membrane adhesion and fusion during fertilization (PubMed:[28182716](#)). Exhibits bacteriolytic activity in vitro against *Micrococcus luteus* and *Staphylococcus aureus* (PubMed:[24013621](#), PubMed:[28182716](#)). Shows weak bacteriolytic activity against Gram-positive bacteria at physiological pH (PubMed:[28182716](#)). Bacteriolytic activity is pH-dependent, with a maximum at around pH 5.6 (PubMed:[28182716](#)).

Cellular Location

Secreted. Cell surface. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9DA11}.
Note=Detected on the postacrosomal membrane of mature spermatozoa (PubMed:[28182716](#))

Tissue Location

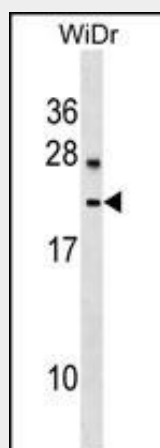
Expressed in testis, epididymis and spermatozoa (at protein level) (PubMed:[16014814](#), PubMed:[28182716](#)). Expressed in late- stage spermatocytes and round spermatids (PubMed:[28182716](#))

LYZL6 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LYZL6 Antibody (Center) - Images



LYZL6 Antibody (Center) (Cat. #AP16919c) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the LYZL6 antibody detected the LYZL6 protein (arrow).

LYZL6 Antibody (Center) - Background

Lysozymes (see LYZ; MIM 153450), especially C-type lysozymes, are well-recognized bacteriolytic factors widely distributed in the animal kingdom and play a mainly protective role in host defense. LYZL6 is a member of a family of lysozyme-like genes (Zhang et al., 2005 [PubMed [16014814](#)]).

LYZL6 Antibody (Center) - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Zhang, K., et al. Biol. Reprod. 73(5):1064-1071(2005)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
Nomiya, H., et al. J. Interferon Cytokine Res. 19(3):227-234(1999)