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LYZL4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18093C

Specification

LYZL4 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q96KX0
Other Accession	NP_653235.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**16433**
Antigen Region	**37-63**

LYZL4 Antibody (Center) - Additional Information

Gene ID 131375

Other Names
Lysozyme-like protein 4, Lysozyme-4, LYZL4, LYC4

Target/Specificity
This LYZL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-63 amino acids from the Central region of human LYZL4.

Dilution
WB~~1:1000

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
LYZL4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LYZL4 Antibody (Center) - Protein Information

Name LYZL4

Synonyms LYC4

Function May be involved in fertilization (By similarity). Has no detectable bacteriolytic and lysozyme activities in vitro (By similarity).

Cellular Location
Secreted {ECO:0000250|UniProtKB:Q9D925}. Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9D925}. Cell projection, cilium, flagellum {ECO:0000250|UniProtKB:Q9D925}. Note=Found in the principal piece of sperm tail. {ECO:0000250|UniProtKB:Q9D925}

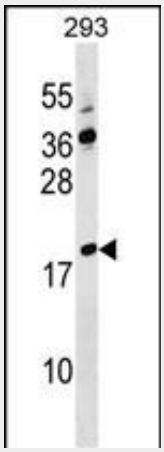
Tissue Location
Expressed in testis and epididymis.

LYZL4 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 Cytomety
- Cell Culture

LYZL4 Antibody (Center) - Images



LYZL4 Antibody (Center) (Cat. #AP18093c) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the LYZL4 antibody detected the LYZL4 protein (arrow).

LYZL4 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. LYZL4 is a member of a family of lysozyme-like genes (Zhang et al., 2005 [PubMed 16014814]).

LYZL4 Antibody (Center) - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Zhang, K., et al. Biol. Reprod. 73(5):1064-1071(2005)