

Rabbit LYZL6 Polyclonal Antibody | anti-LYZL6 antibody

LYZL6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325993	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

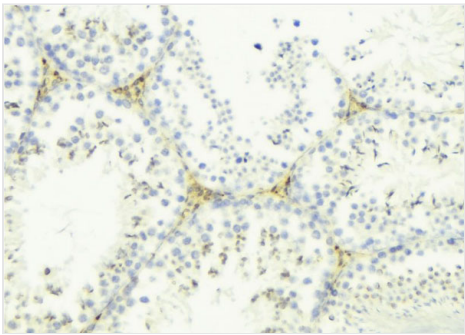
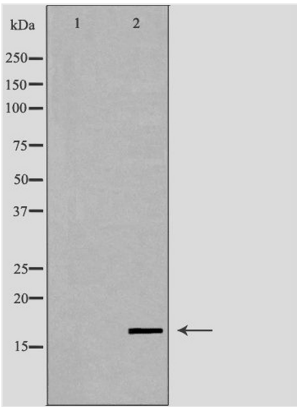
PRODUCT SYNONYMS

LYZL6; Polyclonal Antibody; LYZL6 Antibody; EC 3.2.1.17; LYC1; Lysozyme homolog; Lysozyme like 6; UNQ754/PRO1485; anti-LYZL6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LYZL6 antibody detects endogenous levels of total LYZL6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	148
Applicable Applications for anti-LYZL6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LYZL6
Subcellular Location	Extracellular Region or Secreted
Tissue Specificity	Expressed in testis, epididymis and spermatozoa (at protein level) (PubMed:16014814, PubMed:28182716). Expressed in late-stage spermatocytes and round spermatids (PubMed:28182716).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA325993 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of human testis lysate using LYZL6 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LYZL6 antibody

Description: This gene encodes a member of the C-type lysozyme/alpha-lactalbumin family. C-type lysozymes are bacteriolytic factors that play a role in host defense, whereas alpha-lactalbumins mediate lactose biosynthesis. The encoded protein contains catalytic residues characteristic of C-type lysozymes and may play a role in male reproduction. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jan 2011]

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:28182716, PubMed:24013621). 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).

Subunit Structure: Monomer.

Similarity: Belongs to the glycosyl hydrolase 22 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	317008577
NCBI GeneID	57151
NCBI Accession #	NP_001186880.1
NCBI GenBank Nucleotide #	NM_001199951.2
UniProt Accession #	O75951; Q6UW30
Molecular Weight	Observed: 17 kDa Predicted: 17 kDa
NCBI Official Full Name	lysozyme-like protein 6
NCBI Official Synonym Full Names	lysozyme like 6
NCBI Official Symbol	LYZL6
NCBI Official Synonym Symbols	LYC1; LYZB; UNQ754; PRO1485; TKAL754; HEL-S-6a
NCBI Protein Information	lysozyme-like protein 6
UniProt Protein Name	Lysozyme-like protein 6
UniProt Gene Name	LYZL6
UniProt Synonym Gene Names	LYC1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lyzl6-antibody-immunohistochemistry-western-blot-elisa/325993>