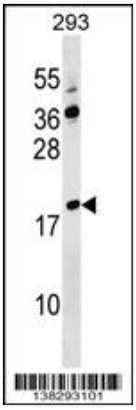
LYZL4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LYZL4, Polyclonal Antibody
Full Product Name	LYZL4 Antibody (Center)
Product Gene Name	anti-LYZL4 antibody
Product Synonym Names	Lysozyme-like protein 4; Lysozyme-4; LYZL4; LYC4
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human
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: 0.5 (lot specific)
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.
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	LYZL4 peptide (MBS9223119) is used for blocking the activity of LYZL4 antibody (MBS9214230)
Molecular Weight	16433
Immunogen Sequence Positions	37-63
OMIM	612750
3D Structure	ModBase 3D Structure for Q96KX0
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Product Categories/Family for anti-LYZL4 antibody	Cell Biology
Applications Tested/Suitable for anti-LYZL4 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-LYZL4 antibody	WB~~1:1000
Related Product Information for anti-LYZL4 antibody	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]).
Product References and Citations for anti-LYZL4 antibody	Lamesch, P., et al. Genomics 89(3):307-315(2007) Zhang, K., et al. Biol. Reprod. 73(5):1064-1071(2005)

Other Notes	Small volumes of anti-LYZL4 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.
Searchable Terms for LYZL4 purchase	MBS9214230 is an antibody targeting LYZL4. Also known as LYZL4 Antibody (Center). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-LYZL4 antibody
LYZL4 Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the LYZL4 antibody detected the LYZL4 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LYZL4. It may not necessarily be applicable to this product.

NCBI GI #	21389465
NCBI GeneID	131375
NCBI Accession #	NP_653235.1
UniProt Primary Accession #	Q96KX0
UniProt Related Accession #	Q96KX0
GenBank Nucleotide #	NM_144634.3
NCBI Official Full Name	lysozyme-like protein 4
NCBI Official Synonym Full Names	lysozyme-like 4
NCBI Official Symbol	LYZL4
NCBI Official Synonym Symbols	LYC4; LYZA
UniProt Protein Name	Lysozyme-like protein 4
Protein Family	Lysozyme-like protein
UniProt Gene Name	LYZL4
UniProt Synonym Gene Names	LYC4; Lysozyme-4
UniProt Entry Name	LYZL4_HUMAN
NCBI Protein Information	lysozyme-like protein 4
NCBI Summary for LYZL4	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]).[supplied by OMIM, Apr 2009]

UniProt Comments for LYZL4	LYZL4: Belongs to the glycosyl hydrolase 22 family. Monomer (Probable) Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 3p22.1 Cellular Component: extracellular region; nucleus 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-human-antibody/lyzl4/9214230