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Datasheet for ABIN6991721
anti-Lysozyme-Like 1 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	Lysozyme-Like 1 (LYZL1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lysozyme-Like 1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	LYZL1 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human. The immunogen is located within the first 50 amino acids of LYZL1.
Isotype:	IgG
Specificity:	At least two alternatively spliced transcript variants have been observed.
Purification:	LYZL1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Lysozyme-Like 1 (LYZL1)
Alternative Name:	LYZL1 (LYZL1 Products)
Background:	LYZL1 Antibody: The lysozyme family of proteins has an important role in host defense and is

Target Details

associated with the monocyte-macrophage system and enhances the activity of immunoagents. The mammalian lysozyme gene family is much larger than previously appreciated and consists of at least eight distinct genes scattered around the genome. C-type lysozymes are specifically involved catalyzing the hydrolysis of β ,-1,4 glycosidic bonds of the peptidoglycan of bacterial cell walls. As a homolog of human C-type lysozyme, LYZL1 is an intra-acrosomal, nonbacteriolytic, c lysozyme-like protein recently isolated from human spermatozoa.

Molecular Weight: 21 kDa

Gene ID: 84569

NCBI Accession: [NP_115906](#)

UniProt: [Q6UWQ5](#)

Application Details

Application Notes: LYZL1 antibody can be used for detection of LYZL1 by Western blot at 1 - 2 μ g/mL.

Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: LYZL1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: LYZL1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.