

Rabbit anti-Human Lysozyme Polyclonal Antibody | anti-LYZ antibody

Rabbit anti Lysozyme Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71338	Rabbit	Human	ELISA, Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

Lysozyme; Polyclonal Antibody; Rabbit anti Lysozyme Polyclonal Antibody; LYZ; LYZC; anti-LYZ antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes ~14 kDa of chicken egg white Lysozyme protein.
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile phosphate buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-LYZ antibody	ELISA, IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), Positive Control, WB (Western Blot)
Antigen Preparation	A synthetic peptide corresponding to the C-terminus 115-129aa of chicken egg white Lysozyme protein.
Positive Control	Lysozyme
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-LYZ antibody	Lysozyme is 129 amino acids protein isolated from chicken egg white. It is a ubiquitous enzyme which can catalyze the hydrolysis of the beta (1-4) glycosidic bond in bacterial peptidoglycan, a major component of the bacterial cell membrane. It appears in many tissues and body fluids. Lack of lysozyme C can cause Amyloidosis type 8 (AMYL8) diseases. The major proteins of chicken eggs are: Ovalbumin (45 kda, 54%), Conalbumin (13%, 80 kda), Ovomucoid (11%, 28 kda), Lysozyme (3.5%, 14 kda), and other proteins.
References	Palmiter, R.D., Gagnon, J., Ericsson, L.H. and Walsh, K.A. Precursor of egg white lysozyme. Amino acid sequence of an NH2-terminal extension. J. Biol. Chem. 252 (18), 6386-6393 (1977)

NCBI AND UNIPROT INFORMATION

NCBI GI #	307142
NCBI GeneID	4069
Molecular Weight	~14 kDa
NCBI Official Full Name	lysozyme (EC 3.2.1.17)
NCBI Official Synonym Full Names	lysozyme
NCBI Official Symbol	LYZ
NCBI Official Synonym Symbols	LZM; LYZF1
NCBI Protein Information	lysozyme C
UniProt Protein Name	Lysozyme C
UniProt Gene Name	LYZ
UniProt Synonym Gene Names	LZM

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/lysozyme-antibody-immunoprecipitation-immunohistochemistry-flow-cytometry-western-blot-elisa/71338>