

Anti-Lysozyme Picoband Antibody

Catalog # ABO12349

Product Information

Application	WB, IHC-P
Primary Accession	P61626
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Lysozyme C(LYZ) detection. Tested with WB, IHC-P in Human;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	4069
Other Names	Lysozyme C, 3.2.1.17, 1, 4-beta-N-acetylmuramidase C, LYZ, LZM
Calculated MW	16537
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat Western blot, 0.1-0.5 µg/ml, Human, Rat
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	Lysozyme C
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Lysozyme (106-141aa NIADAVACAKRVVRDPQGIRAWVAWRNRCQNRDVRQ).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20° C for one year. After r° Constitution, at 4° C for one month. It° Can also be aliquotted and stored frozen at -20° C for a longer time.Avoid repeated freezing and thawing.

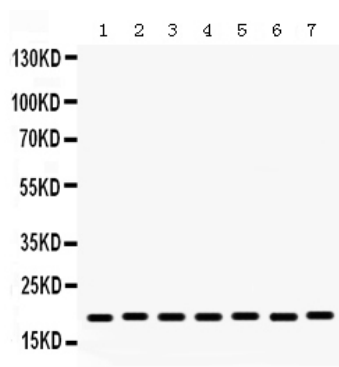
Protein Information

Name	LYZ
Synonyms	LZM
Function	Lysozymes have primarily a bacteriolytic function; those in tissues and body fluids are associated with the monocyte-macrophage system and enhance the activity of immunoagents.
Cellular Location	Secreted.

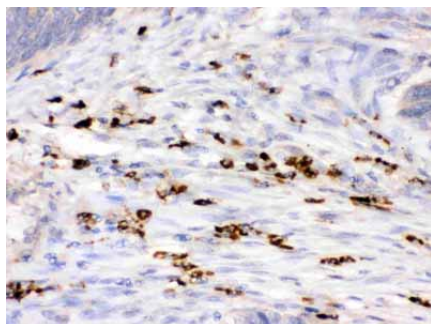
Background

In humans, the lysozyme enzyme is encoded by the LYZ gene. This gene encodes human lysozyme, whose natural substrate is the bacterial cell wall peptidoglycan (cleaving the beta [1-4] glycosidic linkages between N-acetylmuramic acid and N-acetylglucosamine). Lysozyme is one of the antimicrobial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. The protein has antibacterial activity against a number of bacterial species. Missense mutations in this gene have been identified in heritable renal amyloidosis.

Images



Anti- Lysozyme Picoband antibody, ABO12349, Western blotting
All lanes: Anti Lysozyme (ABO12349) at 0.5ug/ml
Lane 1: Rat Intestine Tissue Lysate at 50ug
Lane 2: Rat Kidney Tissue Lysate at 50ug
Lane 3: Rat Liver Tissue Lysate at 50ug
Lane 4: HELA Whole Cell Lysate at 40ug
Lane 5: SW620 Whole Cell Lysate at 40ug
Lane 6: 293T Whole Cell Lysate at 40ug
Lane 7: HEPG2 Whole Cell Lysate at 40ug
Predicted bind size: 17KD
Observed bind size: 17KD



Anti- Lysozyme Picoband antibody, ABO12349,
IHC(P)IHC(P): Human Intestinal Cancer Tissue

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.