

LYZ polyclonal antibody

Catalog # PAB14518

Size 500 uL

Specification

Product Description	Rabbit polyclonal antibody raised against native LYZ.
Immunogen	Native purified human LYZ.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) Immunohistochemistry (Frozen sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1% BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunocytochemistry

Gene Info — LYZ

Entrez GeneID [4069](#)

Gene Name LYZ

Gene Alias	LZM
Gene Description	lysozyme (renal amyloidosis)
Omim ID	105200 153450
Gene Ontology	Hyperlink
Gene Summary	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 anti-microbial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. Missense mutations in LYZ have been identified in heritable renal amyloidosis. [provided by RefSeq]
Other Designations	1,4-beta-N-acetylmuramidase C lysozyme lysozyme C

Publication Reference

- [Nuclear factor-kappaB activation in neonatal mouse lung protects against lipopolysaccharide-induced inflammation.](#)
Alvira CM, Abate A, Yang G, Dennerly PA, Rabinovitch M.
American Journal of Respiratory and Critical Care Medicine 2007 Apr; 175(8):805.
- [Granulomonocyte-associated lysosomal protein expression during in vitro expansion and differentiation of CD34+ hematopoietic progenitor cells.](#)
Scheinecker C, Strobl H, Fritsch G, Csmarits B, Krieger O, Majdic O, Knapp W.
Blood 1995 Dec; 86(11):4115.
- [Kupffer cells in multiple organ failure--their activation as revealed by immunohistochemistry for lysozyme, alpha 1-antichymotrypsin, and lectins.](#)
Niki T, Oka T, Shiga J, Machinami R.
Gen Diagn Pathol 1995 May; 141(1):21.

Disease

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