

For Research Use Only

LYZL1 Polyclonal antibody

Catalog Number: 17207-1-AP **1 Publications**



Basic Information

Catalog Number: 17207-1-AP	GenBank Accession Number: BC021730	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84569	Recommended Dilutions: WB 1:100-1:500 IHC 1:20-1:200
Source: Rabbit	Full Name: lysozyme-like 1	
Isotype: IgG	Calculated MW: 194 aa, 22 kDa	
Immunogen Catalog Number: AG10986	Observed MW: 22 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse testis tissue,
Species Specificity: human, mouse, rat	IHC : human testis tissue, human lung tissue, human spleen tissue
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

LYZL1(Lysozyme-like 1) is also named as LYC2 and belongs to the glycosyl hydrolase 22 family. It is involved in the hydrolysis of 1,4-beta-linkages between N-acetylmuramic acid and N-acetyl-D-glucosamine residues in a peptidoglycan and between N-acetyl-D-glucosamine residues in chitodextrins. LYZL1 has two isoforms with the molecular weight of 17 kDa and 22 kDa. The full length protein has a signal peptide of 19 amino acids and a glycosylation site. This antibody detects the N-terminal of LYZL1.

Notable Publications

Author	Pubmed ID	Journal	Application
Yueshuai Guo	31424156	Proteomics Clin Appl	WB

Storage

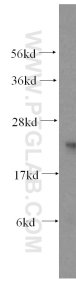
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

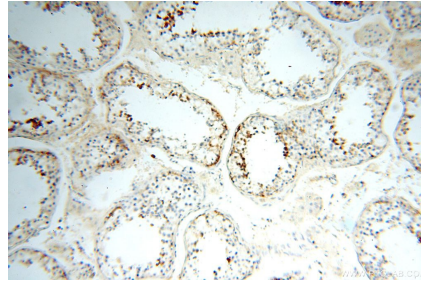
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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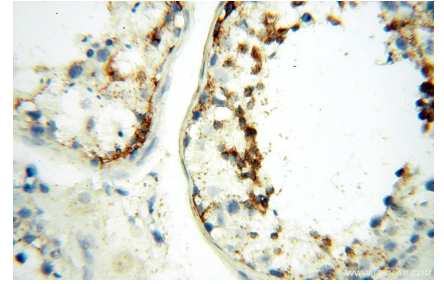
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 17207-1-AP (LYZL1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 17207-1-AP (LYZL1 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 17207-1-AP (LYZL1 antibody) at dilution of 1:50 (under 40x lens).