

# Product Datasheet

## Lysozyme Antibody [HRP] NB600-850-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NB600-850-0.1mg**

Lysozyme Antibody [HRP]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	HRP
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This antibody is an IgG fraction purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified Lysozyme [Hen Egg White]</p>
Host	Rabbit
Gene ID	4069
Gene Symbol	LYZ
Species	Chicken
Reactivity Notes	A BLAST analysis was used to suggest that this antibody would react with all forms of lysozyme from chicken, including precursor as well as A and B chains. Chains designated as M, L, F, C, Y and D also show 100% sequence homology. Lysozyme from quail and pheasant are also reported to be 100% identical with HEW lysozyme. Cross reactivity against lysozyme from other sources may occur but has not been specifically determined
Marker	Histiocytic Marker
Specificity/Sensitivity	This purified antibody is directed against lysozyme from hen egg white protein.
Immunogen	This purified Lysozyme Antibody was prepared from whole rabbit serum produced by repeated immunizations with full length protein corresponding to amino acids 1-129 of Hen Egg White Lysozyme. (Uniprot: Q6LEL2)

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation



<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:5000, ELISA 1:10000, Immunohistochemistry 1:500 - 1:2500, Immunoprecipitation 1:100, Immunohistochemistry-Paraffin 1:500 - 1:2500
<b>Application Notes</b>	<p>This product has been tested by western blotting and ELISA and is suitable for IP. Researchers should determine optimal titers for applications that are not stated below.</p> <p>NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).</p>

## Images

Western Blot: Lysozyme Antibody [HRP] [NB600-850] - Lane 1: purified Lysozyme reduced. Lane 2: purified Lysozyme non-reduced. Load: 1 ug per lane. Primary antibody: Biotin Conjugated Rabbit anti Lysozyme antibody at 1:5000 for overnight at 4C. Secondary antibody: Dylight 488 conjugated Streptavidin at 1:5,000 with Dylight 549 conjugated secondary antibody at 1:10,000 for 1.5 hrs at RT. Block: incubated with blocking buffer for Lysozyme. Other band(s): none.



## Publications

Kadam PD, Chuan HH. Erratum to: Rectocutaneous fistula with transmigration of the suture: a rare delayed complication of vault fixation with the sacrospinous ligament. Int Urogynecol J. 2016-03-01 [PMID: 26811110]

### Details:

This citation used the HRP version of this antibody.



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### **Products Related to NB600-850-0.1mg**

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NBP2-24891H	Rabbit IgG Isotype Control [HRP]
P5238	Lysozyme Native Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-68057	Mouse Lysozyme ELISA Kit (Chemiluminescence)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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