# **Product Datasheet**

# DNA Polymerase lambda Antibody NB100-1358

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**Publications: 1** 

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## NB100-1358

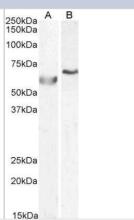
DNA Polymerase lambda Antibody

0.1 mg	
0.5 mg/ml	
Store at -20C. Avoid freeze-thaw cycles.	
Polyclonal	
0.02% Sodium Azide	
IgG	
Immunogen affinity purified	
Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA	
Product Description	
Goat	
27343	
POLL	
Human	
This product may crossreact with Pol beta (NP_002681), an evolutionarilly related polymerase with a predicted size of 39 kDa. The overall % of identity is not very high (about 32% in the core), but considering only the peptide that we used as immunogen, the two share the sequence YREP**R** at the C-terminus. Furthermore, the protein structures appear to be very similar in this region.	
Peptide with sequence C-LGLPYREPAERDW corresponding to C-Terminus according to NP_037406.1.	

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.5-1 ug/ml, Peptide ELISA Detection limit 1:32000
• •	WB: Approx 60 kDa band observed in cell lysates of A549 and approx 60-70 kDa in cell lysates of HepG2 (calculated MW of 63.5k Da according to Human NP_037406.1).

## **Images**

Western Blot: DNA Polymerase lambda Antibody [NB100-1358] - Staining of A549 (A) and HepG2 (B) cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## **Publications**

Garcia-Diaz M, Bebenek K, Sabariegos R et al. DNA polymerase lambda, a novel DNA repair enzyme in human cells. J Biol Chem 2002-04-12 [PMID: 11821417]





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#### Products Related to NB100-1358

NBL1-14573 DNA Polymerase lambda Overexpression Lysate

HAF017 Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish

Peroxidase)1

HAF109 Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish

Peroxidase)]

NB410-28088-1mg Goat IgG Isotype Control

#### 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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