

# 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

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat DNA Polymerase lambda Antibody (NB100-1358) is a polyclonal antibody validated for use in WB and ELISA. Anti-DNA Polymerase lambda Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	27343
Gene Symbol	POLL
Species	Human
Specificity/Sensitivity	This product may crossreact with Pol beta (NP_002681), an evolutionarily 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.
Immunogen	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
Application Notes	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, Sabariego 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

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NBL1-14573	DNA Polymerase lambda Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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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