

# Product Datasheet

## DNA Polymerase epsilon p59 Antibody - BSA Free NBP1-87970

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-87970**

DNA Polymerase epsilon p59 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5427
Gene Symbol	POLE2
Species	Human
Reactivity Notes	Mouse (89%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NAVEKQPLSSNMIERSVVEAAVQECSQSVDETIEHVFNIIGAFDIPRFVYNSEK KFLPLLMTNHPAPNLFGTPRDKAEMFRERYTILHQRTHRHELFPPVIGSHPDE SGSKFQLKTLETLLGSTTKIGDAIVLG

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

Immunocytochemistry/Immunofluorescence: DNA Polymerase epsilon p59 Antibody [NBP1-87970] - Staining of human cell line U-251 MG shows localization to nucleoplasm, nuclear bodies & vesicles.

**Publications**

Sekimoto T, Oda T, Kurashima K et al. Both High-fidelity Replicative and Low-fidelity Y-family Polymerases are Involved in DNA Rereplication. Mol Cell Biol. 2014-12-08 [PMID: 25487575] (ICC/IF, Human)





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### **Products Related to NBP1-87970**

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NBP1-87970PEP	DNA Polymerase epsilon p59 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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