

Product Datasheet

DNA Polymerase epsilon subunit 3 Antibody - Azide and BSA Free **H00054107-B02P**

Unit Size: 0.05 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00054107-B02P**DNA Polymerase epsilon subunit 3 Antibody - Azide and BSA Free**

Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

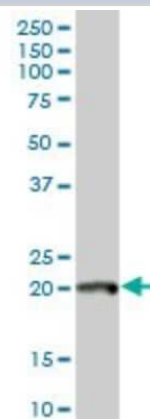
Product Description	
Host	Mouse
Gene ID	54107
Gene Symbol	POLE3
Species	Human
Specificity/Sensitivity	POLE3 - polymerase (DNA directed), epsilon 3 (p17 subunit),
Immunogen	POLE3 (AAH03166.1, 1 a.a. - 147 a.a.) full-length human protein. MAERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRAASVFVLYATSCANNFA MKGKRKTLNASDVLSAMEEMEFQRFVTPLKEALEAYRREQKGKKEASEQKKK DKDKKTDSEEQDKSRDEDNDEDEERLEEEEQNEEEVDN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against Recombinant Protein with GST tag on ELISA and Western Blot and also on transfected lysate in western blot. GST tag alone is used as a negative control. It is also useful for immunofluorescence.

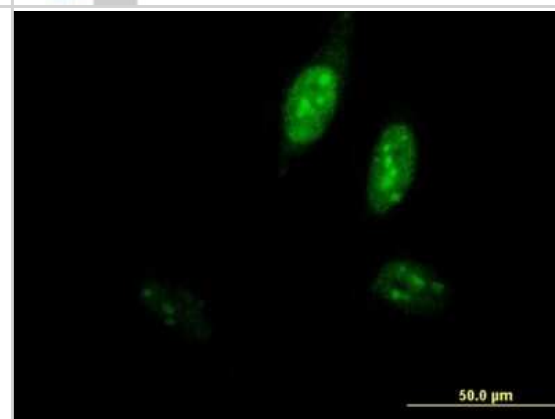


Images

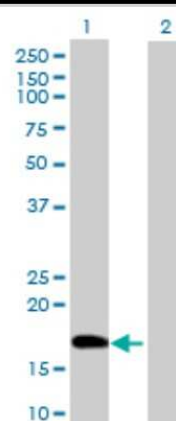
Western Blot: DNA Polymerase epsilon subunit 3 Antibody [H00054107-B02P] - Analysis of POLE3 expression in human liver.



Immunocytochemistry/Immunofluorescence: DNA Polymerase epsilon subunit 3 Antibody [H00054107-B02P] - Analysis of purified antibody to POLE3 on HeLa cell. (antibody concentration 10 ug/ml)



Western Blot: DNA Polymerase epsilon subunit 3 Antibody [H00054107-B02P] - Analysis of POLE3 expression in transfected 293T cell line by POLE3 polyclonal antibody. Lane 1: POLE3 transfected lysate(16.17 KDa). Lane 2: Non-transfected lysate.



Publications

Fenstermaker TK, Petruk S, Kovermann SK et al. RNA polymerase II associates with active genes during DNA replication Nature 2023-07-19 [PMID: 37468626]

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Products Related to H00054107-B02P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP2-23341	Recombinant Human DNA Polymerase epsilon subunit 3 His Protein

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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