

Product Datasheet

DNA polymerase theta Antibody (1C11) - Azide and BSA Free H00010721-M09

Unit Size: 0.1 mg

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

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H00010721-M09

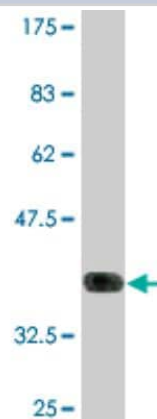
DNA polymerase theta Antibody (1C11) - Azide and BSA Free

Product Information	
Unit Size	0.1 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	Monoclonal
Clone	1C11
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	10721
Gene Symbol	POLQ
Species	Human
Specificity/Sensitivity	POLQ - polymerase (DNA directed), theta (1C11)
Immunogen	POLQ (NP_006587, 2572 a.a. ~ 2680 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. DGFVQTILGRRRYLPGIKDNNPYRKAHAERQAINIVQGSAAIDIVKIATVNIQKQL ETFHSTFKSHGHREGMLQSDRTGLSRKRKLQGMFCPIRGGFFILQLHDELLYE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA
Application Notes	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

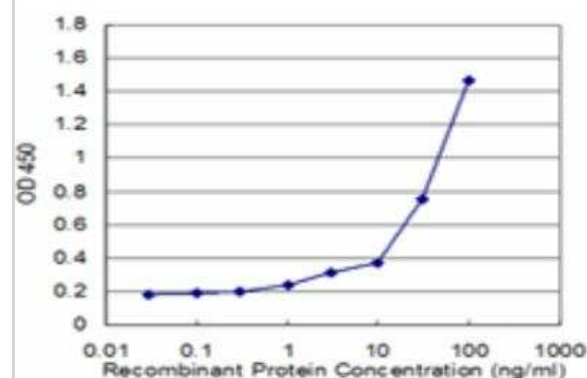


Images

Western Blot: DNA polymerase theta Antibody (1C11) [H00010721-M09]



ELISA: DNA polymerase theta Antibody (1C11) [H00010721-M09] - Detection limit for recombinant GST tagged POLQ is approximately 1ng/ml as a capture antibody.



Publications

Batenburg NL, Walker JR, Zhu XD CSB Regulates Pathway Choice in Response to DNA Replication Stress Induced by Camptothecin International journal of molecular sciences 2023-08-04 [PMID: 37569794]

Srinivasan G, Williamson E, Kong K et al. MiR223-3p promotes synthetic lethality in BRCA1-deficient cancers Proc Natl Acad Sci U S A 2019-08-10 [PMID: 31395736]

Yasuhara T, Kato R, Yamauchi M et al. RAP80 suppresses the vulnerability of R-loops during DNA double-strand break repair Cell reports 2022-02-01 [PMID: 35108530]



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Products Related to H00010721-M09

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00005980-Q01-10ug	Recombinant Human REV3L GST (N-Term) 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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