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## anti-POLE3 antibody (N-Term)

2 Images



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Alternative Name:

Quantity:	400 μL
Target:	POLE3
Binding Specificity:	AA 5-34, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This POLE3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 5-34 amino acids from the N-terminal region of human POLE3.
Clone:	RB18580
Isotype:	lg Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	POLE3

POLE3 (POLE3 Products)

#### **Target Details**

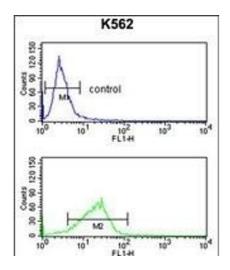
Background:	POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.
Molecular Weight:	16860
Gene ID:	54107
NCBI Accession:	NP_001265184, NP_059139
UniProt:	Q9NRF9
Pathways:	DNA Damage Repair

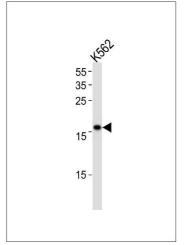
## **Application Details**

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





#### **Flow Cytometry**

**Image 1.** POLE3 Antibody (N-term) (ABIN391484 and ABIN2841453) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **Western Blotting**

**Image 2.** POLE3 Antibody (N-term) (ABIN391484 and ABIN2841453) western blot analysis in K562 cell line lysates (35  $\mu$ g/lane). This demonstrates the POLE3 antibody detected the POLE3 protein (arrow).