

Rabbit POLE3 Polyclonal Antibody | anti-POLE3 antibody

POLE3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285023	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Western Blot, ELISA, Flow Cytometry, Functional Assay

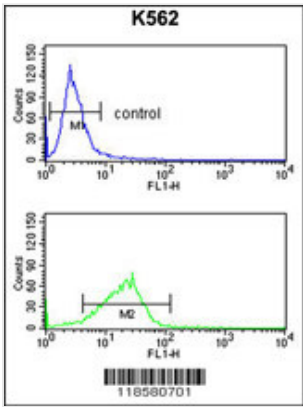
PRODUCT SYNONYMS

POLE3; Polyclonal Antibody; POLE3 Antibody (N-term); DNA polymerase epsilon subunit 3; Arsenic-transactivated protein; AsTP; Chromatin accessibility complex 17 kDa protein; CHRAC-17; HuCHRAC17; DNA polymerase II subunit 3; DNA polymerase epsilon subunit p17; CHRAC17; anti-POLE3 antibody

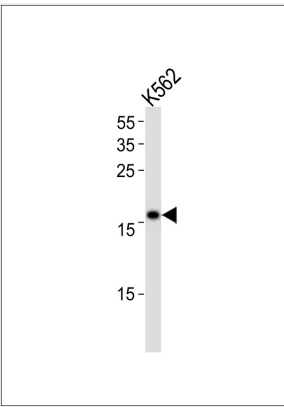
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	5-34
Sequence Length	147
Applicable Applications for anti-POLE3 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
POLE3 Antibody (N-term) 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.



WB (Western Blot)
POLE3 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the POLE3 antibody detected the POLE3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-POLE3 antibody	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.
Product Categories/Family for anti-POLE3 antibody	Crown Antibodies
References	Bolognese,F., Imbriano,C. Nucleic Acids Res. 28 (19), 3830-3838 (2000) Li,Y., Pursell,Z.F. J. Biol. Chem. 275 (30), 23247-23252 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	503777067
NCBI GeneID	54107
NCBI Accession #	NP_001265184.1; NP_059139.3
NCBI GenBank Nucleotide #	NM_001278255.1
UniProt Accession #	Q9NRF9; Q5W0U1; Q8N758; Q8NCE5; Q9NR32
Molecular Weight	16860
NCBI Official Full Name	DNA polymerase epsilon subunit 3
NCBI Official Synonym Full Names	polymerase (DNA directed), epsilon 3, accessory subunit
NCBI Official Symbol	POLE3
NCBI Official Synonym Symbols	p17; YBL1; CHRAC17; CHARAC17
NCBI Protein Information	DNA polymerase epsilon subunit 3
UniProt Protein Name	DNA polymerase epsilon subunit 3
UniProt Gene Name	POLE3
UniProt Synonym Gene Names	CHRAC17; AsTP; CHRAC-17; HuCHRAC17
UniProt Entry Name	DPOE3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pole3-antibody-western-blot-flow-cytometry-elisa/285023>