POLE3 polyclonal antibody (A01)

Catalog # H00054107-A01 Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant POLE3.
Immunogen	POLE3 (AAH03166, 1 a.a. ~ 147 a.a) full-length recombinant protein with GST tag.
Sequence	MAERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRAASVFVLYATSCANNFAMKGKRKTLNAS DVLSAMEEMEFQRFVTPLKEALEAYRREQKGKKEASEQKKKDKDKKTDSEEQDKSRDEDNDE DEERLEEEEQNEEEEVDN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (95)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA
- Western Blot (Recombinant protein)

  Protocol Download

Gene Info — POLE3

Entrez GeneID	54107

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GeneBank Accession#	BC003166
Protein Accession#	AAH03166
Gene Name	POLE3
Gene Alias	CHARAC17, CHRAC17, YBL1, p17
Gene Description	polymerase (DNA directed), epsilon 3 (p17 subunit)
Omim ID	607267
Gene Ontology	Hyperlink
Gene Summary	POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a se quence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM
Other Designations	DNA polymerase epsilon p17 subunit|DNA polymerase epsilon subunit 3|OTTHUMP0000002195 4|OTTHUMP00000021955|arsenic transactivated protein|chromatin accessibility complex 17|hist one fold protein CHRAC17

Pathway

- Base excision repair
- DNA replication
- Metabolic pathways
- Nucleotide excision repair
- Purine metabolism
- Pyrimidine metabolism

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