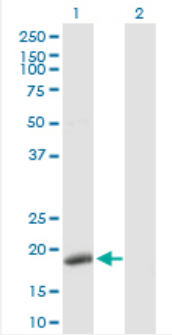
MaxPab®

POLE3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00054107-D01P Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of POLE3 expression in transfected 293T cell line (H00054107-T02) by POLE3 MaxPab polyclonal antibody.

Lane 1: POLE3 transfected lysate(16.90 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human POLE3 protein.
Immunogen	POLE3 (AAH03166.1, 1 a.a. ~ 147 a.a) full-length human protein.
Sequence	MAERPEDLNLPNAVITRIIKEALPDGVNISKEARSAISRAASVFVLYATSCANNFAMKGKRKTLNAS DVLSAMEEMEFQRFVTPLKEALEAYRREQKGKKEASEQKKKDKDKKTDSEEQDKSRDEDNDE DEERLEEEEQNEEEEVDN
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — POLE3

Entrez GeneID	54107
GeneBank Accession#	BC003166
Protein Accession#	AAH03166.1
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|OTTHUMP00000021954|OTTHUMP00000021955|arsenic transactivated protein|chromatin accessibility complex 17|histone fold protein CHRAC17

Pathway

- Base excision repair
- DNA replication
- Metabolic pathways
- Nucleotide excision repair

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- Purine metabolism
- Pyrimidine metabolism

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