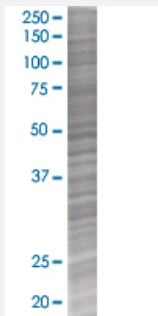


POLE3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054107-T02

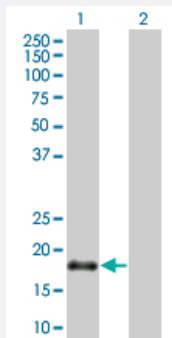
Size 100 uL

Applications



SDS-PAGE Gel

POLE3 transfected lysate



Western Blot

Lane 1: POLE3 transfected lysate (16.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-POLE3 full-length
Host	Human
Theoretical MW (kDa)	16.9
Interspecies Antigen Sequence	Mouse (93); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-POLE3 antibody ([H00054107-B02](#)) by Western Blots.
SDS-PAGE Gel
POLE3 transfected lysate
Western Blot
Lane 1: POLE3 transfected lysate (16.9 KDa).
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — POLE3

Entrez GeneID

[54107](#)

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 sequence-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](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)