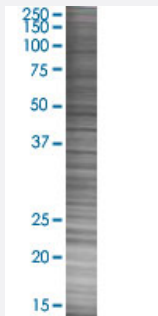


POLD2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005425-T02

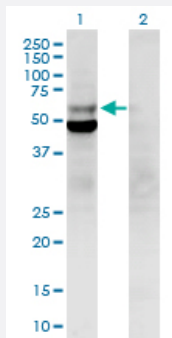
Size 100 uL

Applications



SDS-PAGE Gel

POLD2 transfected lysate.



Western Blot

Lane 1: POLD2 transfected lysate (51.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-POLD2 full-length

Host Human

Theoretical MW (kDa) 51.3

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-POLD2 antibody ([H00005425-B01P](#)) by Western Blots.

SDS-PAGE Gel

POLD2 transfected lysate.

Western Blot

Lane 1: POLD2 transfected lysate (51.3 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 — POLD2

Entrez GeneID	5425
GeneBank Accession#	NM_006230
Protein Accession#	NP_006221.1
Gene Name	POLD2
Gene Alias	-
Gene Description	polymerase (DNA directed), delta 2, regulatory subunit 50kDa
Omim ID	600815
Gene Ontology	Hyperlink
Gene Summary	The DNA polymerase delta complex is involved in DNA replication and repair, and it consists of the proliferating cell nuclear antigen (PCNA; MIM 176740), the multisubunit replication factor C (see MIM 102579), and the 4 subunit polymerase complex: POLD1 (MIM 174761), POLD2, POLD3 (MIM 611415), and POLD4 (MIM 611525) (Liu and Warbrick, 2006 [PubMed 16934752]).[supplied by OMIM]
Other Designations	OTTHUMP00000024527 polymerase (DNA directed), delta 2, regulatory subunit polymerase (DNA directed), delta 2, regulatory subunit (50kD)

Pathway

- [Base excision repair](#)
- [DNA replication](#)
- [Homologous recombination](#)

- [Metabolic pathways](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Graft vs Host Disease](#)
- [Urinary Bladder Neoplasms](#)