

POLE3 (Human) Matched Antibody Pair

Catalog # H00054107-AP21 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Specification	
Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human POLE3.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (95)
Quality Control Testing	Standard curve using recombinant protein (H00054107-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-POLE3 (100 ug) 2. Detection antibody: mouse purified polyclonal anti-POLE3 (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

😵 Abnova

ELISA Pair (Recombinant protein)

Protocol Download

Gene Info — POLE3

Entrez GenelD	<u>54107</u>
Gene Name	POLE3
Gene Alias	CHARAC17, CHRAC17, YBL1, p17
Gene Description	polymerase (DNA directed), epsilon 3 (p17 subunit)
Omim ID	<u>607267</u>
Gene Ontology	<u>Hyperlink</u>
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
- <u>Metabolic pathways</u>
- <u>Nucleotide excision repair</u>
- Purine metabolism
- Pyrimidine metabolism