

# POLE4 Rabbit pAb

Catalog No.: A9882 **2 Publications**

## Basic Information

### Observed MW

17kDa

### Calculated MW

12kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

POLE4 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.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

56655

### Swiss Prot

Q9NR33

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-117 of human POLE4 (NP\_063949.2).

### Synonyms

p12; YHHQ1; POLE4

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

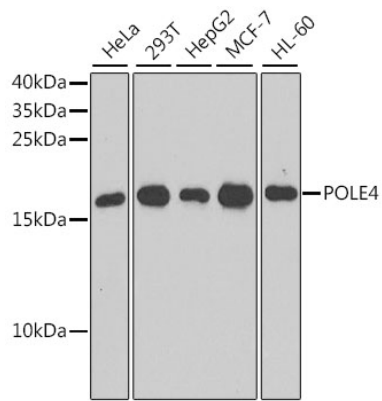
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using POLE4 antibody (A9882) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.