## [KO Validated] POLB Rabbit Polyclonal Antibody



## **CAB1681**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

37kDa

Calculated MW:

38kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse

**Protein Background** 

The protein encoded by this gene is a DNA polymerase involved in base excision and repair, also called gap-filling DNA synthesis. The encoded protein, acting as a monomer, is normally found in the cytoplasm, but it translocates to the nucleus upon DNA damage. Several transcript variants of this gene exist, but the full-length nature of only one has been described to date.

Immunogen information

**Gene ID:** 5423

**Uniprot** P06746

Synonyms:

**POLB** 

**Antibody Information** 

**Recommended dilutions:** 

WB 1:200 - 1:1000 IHC 1:50 - 1:200 IF 1:20 - 1:200

Source:

Rabbit

Isotype:

IgG

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-335 of human POLB (NP\_002681.1).

Storage:

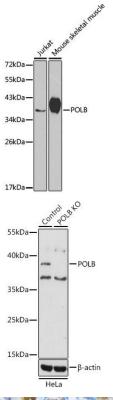
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

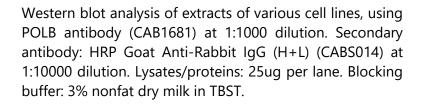
sodium azide, 50% glycerol, pH7.3.

**Purification:** 

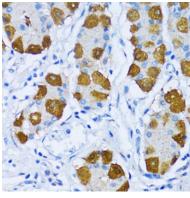
Affinity purification

## **Product Images**

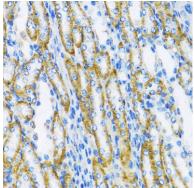




Western blot analysis of extracts from normal (control) and POLB knockout (KO) HeLa cells, using POLB antibody (CAB1681) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded Human stomach using POLB antibody (CAB1681) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using POLB antibody (CAB1681) at dilution of 1:100 (40x lens).