

## POK17 Rabbit pAb

CatalogNo: YN3271

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB

#### MW

- 105kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:500-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human POK17 AA range: 351-401

**Specificity** This antibody detects endogenous levels of POK17 at Human

### Target Information

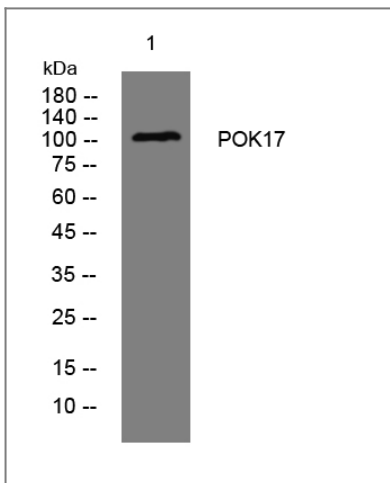
**Protein Name** POK17

| Organism | Gene ID | UniProt ID               |
|----------|---------|--------------------------|
| Human    |         | <a href="#">P63136</a> ; |

**Function**

Catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1).,Catalytic activity:Endonucleolytic cleavage to 5'-phosphomonoester.,Domain:The LPQG and YXDD motifs are catalytically important and conserved among many retroviruses.,Function:Early post-infection, the reverse transcriptase converts the viral RNA genome into double-stranded viral DNA. The RNase H domain of the reverse transcriptase performs two functions. It degrades the RNA template and specifically removes the RNA primer from the RNA/DNA hybrid. Following nuclear import, the integrase catalyzes the insertion of the linear, double-stranded viral DNA into the host cell chromosome. Endogenous Pol proteins may have kept, lost or modified their original function during evolution.,miscellaneous:Exact N-terminus of this protein has not been formally described.,miscellaneous:This protein is synthesized as Gag-Pro and Gag-Pro-Pol polyprotein precursors. These polyproteins are thought, by similarity with type-B retroviruses, to be generated by -1 frameshifts occurring at the Gag-Pro and Pro-Pol genes boundaries.,similarity:Belongs to the beta type-B retroviral polymerase family. HERV class-II K(HML-2) subfamily.,similarity:Contains 1 integrase catalytic domain.,similarity:Contains 1 integrase-type DNA-binding domain.,similarity:Contains 1 integrase-type zinc finger.,similarity:Contains 1 reverse transcriptase domain.,similarity:Contains 1 RNase H domain.,

**Validation Data**



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4°over night

**Contact information**

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