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# Anti-ENDOGL1 Antibody

Catalog # AP59785

## Product Information

| | |
|---|---|
| **Application** | WB, IF/IC |
| **Primary Accession** | Q9Y2C4 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 41085 |

## Additional Information

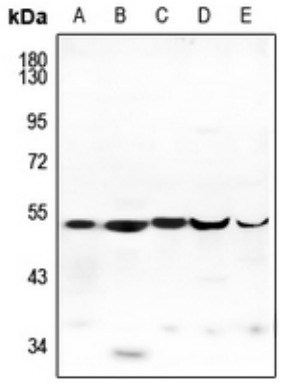
| | |
|---|---|
| **Gene ID** | 9941 |
| **Other Names** | ENDOGL1; ENDOGL2; ENGL; Nuclease EXOG mitochondrial; Endonuclease G-like 1; Endo G-like 1 |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ENDOGL1. The exact sequence is proprietary. |
| **Dilution** | WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IF/IC~~N/A |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

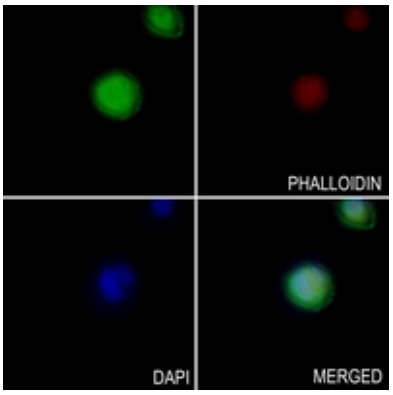
| | |
|---|---|
| **Name** | EXOG |
| **Synonyms** | ENDOGL1, ENDOGL2, ENGL |
| **Function** | Endo/exonuclease with nicking activity towards supercoiled DNA, a preference for single-stranded DNA and 5'-3' exonuclease activity. |
| **Cellular Location** | Mitochondrion inner membrane |
| **Tissue Location** | Ubiquitous. |

## Images

Western blot analysis of ENDOGL1 expression in Jurkat




(A), LO2 (B), HEK293T (C), A549 (D), BV2 (E) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 52 kD)




Immunofluorescent analysis of ENDOGL1 staining in VB2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.