

PAF723Hu01

Polyclonal Antibody to Polymerase DNA Directed Gamma 1 (POLg1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific Affinity Chromatography.

Traits: Liquid

Concentration: 500µg/mL

UOM: 100µg

Applications: WB; ICC; IHC-P; IHC-F; ELISA.

[IMMUNOGEN]

Immunogen: Recombinant POLg1 (Trp1041~Pro1239) expressed in *E.coli*.

Accession No.: RPF723Hu01

[APPLICATIONS]

Western blotting: 1-5µg/mL

Immunocytochemistry in formalin fixed cells: 5-20µg/mL

Immunohistochemistry in formalin fixed frozen section: 5-20µg/mL

Immunohistochemistry in paraffin section: 5-20µg/mL

Enzyme-linked Immunosorbent Assay: 0.05-2µg/mL

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for two years.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were

observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

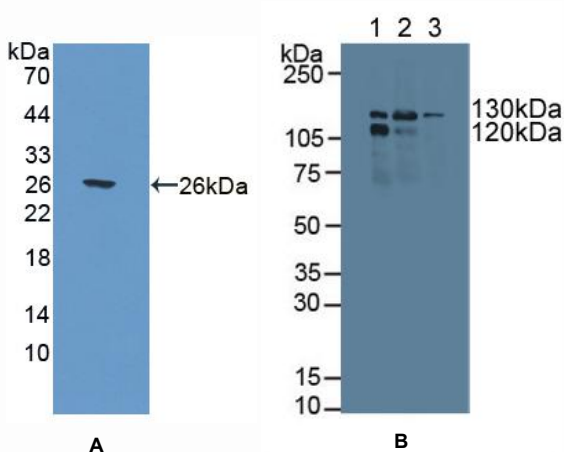


Figure 1. Western Blot

A. Sample: Recombinant POLg1, Human

B. Lane1: Human K562 Cells

Lane2: Human Jurkat Cells

Lane3: Human A549 Cells

Primary Ab: 3µg/mL Rabbit Anti-Human POLg1 Ab

Second Ab: 1:2000 Dilution of HRP-Linked Guinea pig

Anti-Rabbit Ab (Catalog: SAA544Rb59)