

PRIM1 Rabbit pAb

Catalog No.: A16959

Basic Information

Observed MW

49kDa

Calculated MW

50kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

The replication of DNA in eukaryotic cells is carried out by a complex chromosomal replication apparatus, in which DNA polymerase alpha and primase are two key enzymatic components. Primase, which is a heterodimer of a small subunit and a large subunit, synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication. The protein encoded by this gene is the small, 49 kDa primase subunit.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

5557

Swiss Prot

P49642

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 121-420 of human PRIM1 (NP_000937.1).

Synonyms

p49; PDIL; PRIM1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

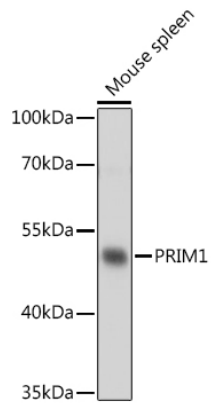
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse spleen, using PRIM1 Rabbit pAb (A16706) 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: 1s.