

PRIM2

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 59kDa

Observed MW: Refer to figures

Immunogen:

A synthetic Peptide of human PRIM2

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

p58; PRIM2A;

Catalog #: A4041

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5558

Isotype: IgG

Swiss Prot: P49643

Purity: Affinity purification

For research use only.

Background:

This gene encodes the 58 kilodalton subunit of DNA primase, an enzyme that plays a key role in the replication of DNA. The encoded protein forms a heterodimer with a 49 kilodalton subunit. This heterodimer functions as a DNA-directed RNA polymerase to synthesize small RNA primers that are used to create Okazaki fragments on the lagging strand of the DNA. Alternative splicing of this gene results in multiple transcript variants. This gene has a related pseudogene, which is also present on chromosome 6.

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