

PRIM2 Polyclonal Antibody

Catalog No.	A11673	Category	Polyclonal Antibodies
Applications	WB	Observed MW	59kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	19kDa/58kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human PRIM2 (NP_000938.2).
Gene ID	5558
Swiss prot	P49643
Synonyms	PRIM2; PRIM2A; p58; primase (DNA) subunit 2

Product information

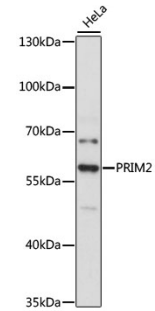
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - PRIM2 Polyclonal Antibody (A11673)