

TOP1MT Rabbit pAb

Catalog No.	A15559	Category	Polyclonal Antibodies
Applications	WB	Observed MW	70kDa
Cross-reactivity	Human	Calculated MW	58kDa/69kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 470-550 of human TOP1MT (NP_443195.1).
Gene ID	116447
Swiss prot	Q969P6
Synonyms	TOP1MT

Product information

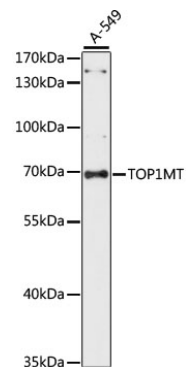
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

This gene encodes a mitochondrial DNA topoisomerase that plays a role in the modification of DNA topology. The encoded protein is a type IB topoisomerase and catalyzes the transient breaking and rejoining of DNA to relieve tension and DNA supercoiling generated in the mitochondrial genome during replication and transcription. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilutions

WB 1:200 - 1:2000



Western blot analysis of extracts of A-549 cells, using TOP1MT antibody (A15559) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60S.