For research purposes only, not for human use

Product Data Sheet

Anti-TOP1MT Antibody

Catalog #	Source	Reactivity	Applications
CQA6252	Rabbit	H, R	WB, IH

Description	Rabbit polyclonal antibody to TOP1MT
Immunogen	Recombinant fusion protein of human TOP1MT. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of TOP1MT protein
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)
Gene Symbol	TOP1MT
Alternative Names	DNA topoisomerase I mitochondrial; TOP1mt
Entrez Gene	116447 (Human); 300029 (Rat)
SwissProt	Q969P6 (Human); Q6IM78 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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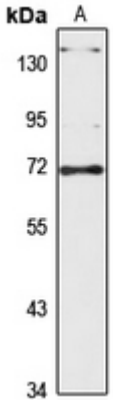
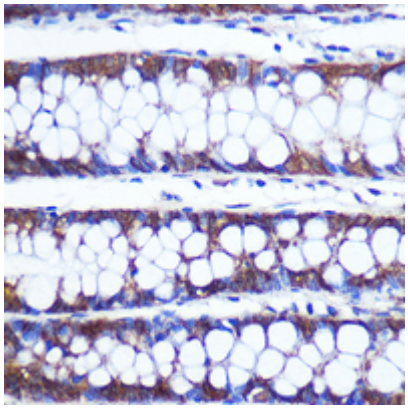


Western blot analysis of TOP1MT expression in A549 (A) whole cell lysates. (Predicted band size: 58; 69 kD; Observed band size: 70 kD)



Immunohistochemical analysis of TOP1MT staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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