

POLRMT Antibody

CAB15605

Description

This POLRMT Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB15605

Contents: 20 μ L, 100 μ L

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: APOLMT, MTRNAP, MTRPOL, COXPD55, h-mtRPOL, POLRMT

Clone: -

Applications: WB IF/ICC IP ELISA

Conjugation: Unconjugated

Reactivity: Human, Rat

Antibody Data

Gene ID: 5442

Uniprot: AB_2763011

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 139kDa

Calculated MW: 139kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

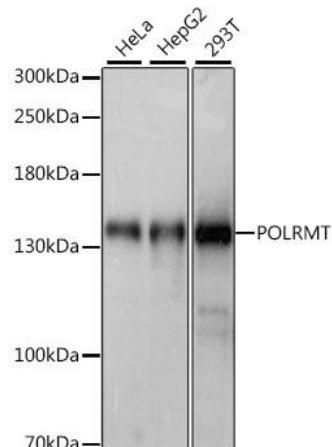
Positive Sample: HeLa, HepG2, 293T

Recommended Dilutions:

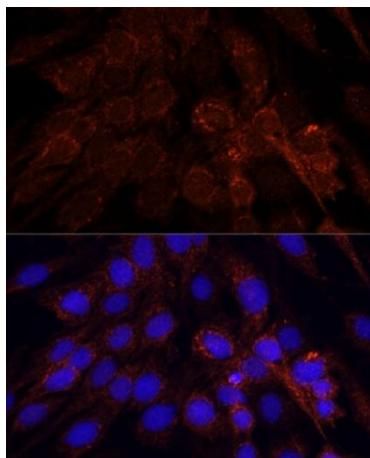
WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

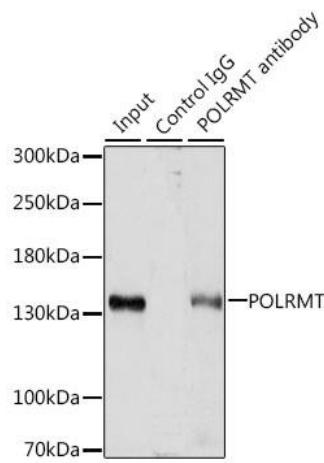
Validation Data



Western blot analysis of various lysates using POLRMT Rabbit pAb (CAB15605) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunofluorescence analysis of cells using POLRMT Rabbit pAb (CAB15605) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 µg extracts of HepG2 cells, using 3 µg POLRMT antibody (CAB15605). Western blot was performed from the immunoprecipitate using POLRMT antibody (CAB15605) at a dilution of 1:1000.