POLR1E Rabbit pAb

Catalog NO.: A12700 **1 Publications**

Basic Information

Observed MW
53kDa

Calculated MW
47kDa

Category
Polyclonal Antibodies

Applications
WB, IP, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Predicted to enable DNA binding activity; DNA-directed 5'-3' RNA polymerase activity; and RNA polymerase I general transcription initiation factor binding activity. Involved in nucleolar large rRNA transcription by RNA polymerase I. Located in fibrillar center and nucleoplasm.

Recommended Dilutions

WB 1:1000 - 1:3000

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.

Immunogen Information

Gene ID
64425

Swiss Prot
Q9GZS1

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
A49; PAF53; PRAF1; RPA49; POLR1E

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

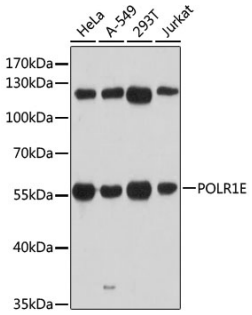
Source
Rabbit

Isotype
IgG

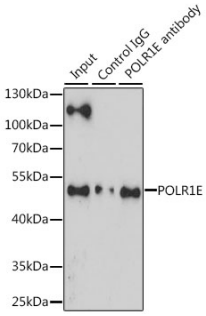
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using POLR1E Rabbit pAb (A12700) at 1:3000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunoprecipitation analysis of 200 µg extracts of Jurkat cells, using 3 µg POLR1E antibody (A12700). Western blot was performed from the immunoprecipitate using POLR1E antibody (A12700) at a dilution of 1:1000.

For research use only. Not for therapeutic or diagnostic purposes.

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