

POLR1D Rabbit pAb

Catalog No.: A8021

Basic Information

Observed MW

15kDa

Calculated MW

14kDa/15kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human

Background

The protein encoded by this gene is a component of the RNA polymerase I and RNA polymerase III complexes, which function in the synthesis of ribosomal RNA precursors and small RNAs, respectively. Mutations in this gene are a cause of Treacher Collins syndrome (TCS), a craniofacial development disorder. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

51082

Swiss Prot

Q9Y2S0

Immunogen

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

Synonyms

AC19; RPA9; TCS2; RPA16; RPAC2; RPC16; POLR1C; RPO1-3; POLR1D

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

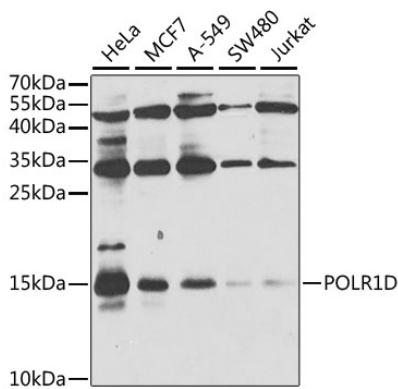
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using POLR1D Rabbit pAb (A8021) at 1:1000 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: 40s.