

CD3EAP Polyclonal Antibody
Catalog # AP68942**Specification**

CD3EAP Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	O15446
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

CD3EAP Polyclonal Antibody - Additional Information**Gene ID** 10849**Other Names**

CD3EAP; ASE1; CAST; PAF49; DNA-directed RNA polymerase I subunit RPA34; A34.5; Antisense to ERCC-1 protein; ASE-1; CD3-epsilon-associated protein; CAST; CD3E-associated protein; RNA polymerase I-associated factor PAF49

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD3EAP Polyclonal Antibody - Protein Information**Name** POLR1G ([HGNC:24219](#))**Function**

Component of RNA polymerase I (Pol I), a DNA-dependent RNA polymerase which synthesizes ribosomal RNA precursors using the four ribonucleoside triphosphates as substrates. Involved in UBTF-activated transcription, presumably at a step following PIC formation.

Cellular Location

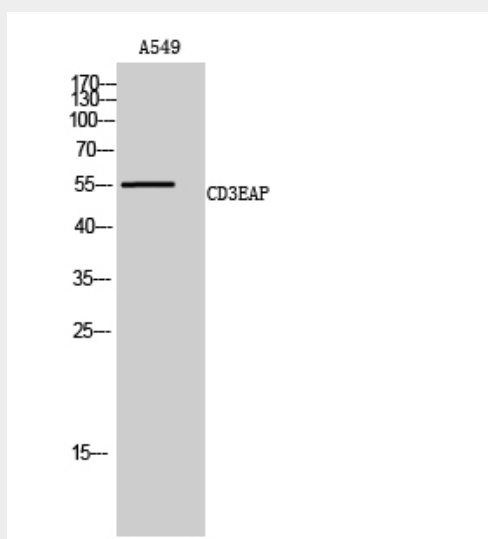
Nucleus, nucleolus. Chromosome. Note=Found at the fibrillar centers of the nucleolus in interphase and during cell division it is localized to the nucleolus organizer regions of the chromosomes

CD3EAP Polyclonal Antibody - Protocols

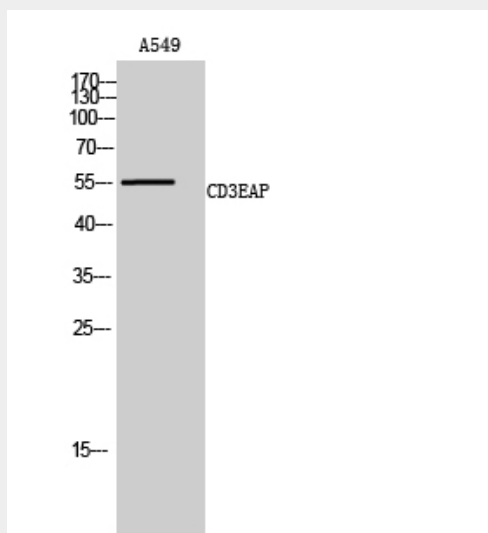
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD3EAP Polyclonal Antibody - Images



Western Blot analysis of A549 cells using CD3EAP Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



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CD3EAP Polyclonal Antibody - Background

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four

ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Isoform 1 is involved in UBTF-activated transcription, presumably at a step following PIC formation.