

CD3EAP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19997a**Specification**

CD3EAP Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O15446
Other Accession	NP_036231.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	54986
Antigen Region	54-81

CD3EAP Antibody (N-term) - Additional Information**Gene ID** 10849**Other Names**

DNA-directed RNA polymerase I subunit RPA34, A345, Antisense to ERCC-1 protein, ASE-1, CD3-epsilon-associated protein, CAST, CD3E-associated protein, RNA polymerase I-associated factor PAF49, CD3EAP, ASE1, CAST, PAF49

Target/Specificity

This CD3EAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-81 amino acids from the N-terminal region of human CD3EAP.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CD3EAP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CD3EAP Antibody (N-term) - 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

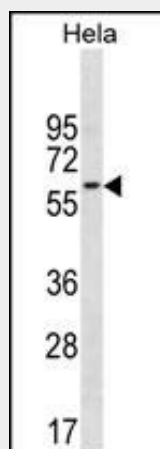
Nucleus, nucleolus. Chromosome. Note=Found at the fibrillar centers of the nucleolus in interphase and during cell division it is localized to the nucleolus organizer regions of the chromosomes

CD3EAP Antibody (N-term) - 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 Antibody (N-term) - Images



CD3EAP Antibody (N-term) (Cat. #AP19997a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the CD3EAP antibody detected the CD3EAP protein (arrow).

CD3EAP Antibody (N-term) - 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.

Isoform 2 has been described as a component of preformed T-cell receptor (TCR) complex.

CD3EAP Antibody (N-term) - References

- Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010)
Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)
Vangsted, A.J., et al. Haematologica 94(9):1274-1281(2009)

Nissen, K.K., et al. Anticancer Drugs 20(3):174-178(2009)
Schierup, M.H., et al. BMC Med. Genet. 10, 20 (2009) :