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CD3EAP Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8607a

Specification

CD3EAP Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O15446

CD3EAP Antibody (N-term) Blocking Peptide - 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
The synthetic peptide sequence used to generate the antibody AP8607a was selected from the N-term region of human CD3EAP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CD3EAP Antibody (N-term) Blocking Peptide - 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

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CD3EAP Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CD3EAP Antibody (N-term) Blocking Peptide - Images

CD3EAP Antibody (N-term) Blocking Peptide - Background

CD3EAP is a DNA dependent RNA polymerase which catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It is a 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.

CD3EAP Antibody (N-term) Blocking Peptide - References

Yamazaki,T., et.al., J. Biol. Chem. 274 (26), 18173-18180 (1999)Whitehead,C.M., et.al., Chromosoma 106 (8), 493-502 (1997)