Datasheet for ABIN2855311
anti-CD3EAP antibody (Center)
2 Images


Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | CD3EAP |
| Binding Specificity: | Center |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CD3EAP antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC) |

Product Details

| Immunogen: | Recombinant protein encompassing a sequence within the center region of human PAF49. The <br> exact sequence is proprietary. |
| :--- | :--- |
| Isotype: | IgG |
| Characteristics: | Rabbit Polyclonal antibody to PAF49 (CD3e molecule, epsilon associated protein) <br> PAF49 antibody |
| Purification: | Purified by antigen-affinity chromatography. |
| Target Details | CD3EAP |
| Target: | PAF49 (CD3EAP Products) |

## Target Details

| Background: | DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four <br> ribonucleoside triphosphates as substrates. Component of RNA polymerase I which <br> synthesizes ribosomal RNA precursors. Isoform 1 is involved in UBTF-activated transcription, <br> presumably at a step following PIC formation. Isoform 2 has been described as a component of <br> preformed T-cell receptor (TCR) complex. |
| :--- | :--- |
|  | Cellular Localization: Nucleus, nucleolus |
| Molecular Weight: | 55 kDa |
| Gene ID: | 10849 |

## Application Details

| Application Notes: | Suggested dilution Reference ICC/IF 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* Western blot1:500-1:3000* |
| :---: | :---: |
| Comment: | Positive Control: H1299 |
| Restrictions: | For Research Use only |
| Handling |  |
| Format: | Liquid |
| Concentration: | $2.81 \mathrm{mg} / \mathrm{mL}$ |
| Buffer: | 1XPBS, 20 \% Glycerol ( pH 7). 0.025 \% ProClin 300 was added as a preservative. |
| Preservative: | Proclin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | $-20^{\circ} \mathrm{C}$ |
| Storage Comment: | Keep as concentrated solution. Aliquot and store at $-20^{\circ} \mathrm{C}$ or below. Avoid multiple freeze-thaw cycles. |



## Immunofluorescence

Image 1. ICC/IF Image PAF49 antibody detects PAF49 protein at nucleolus by immunofluorescent analysis. Sample: A431 cells were fixed in 4\% paraformaldehyde at RT for 15 min. Green: PAF49 protein stained by PAF49 antibody, diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar $=10 \mu \mathrm{~m}$.


## Western Blotting

Image 2. WB Image PAF49 antibody detects PAF49 protein by western blot analysis. Whole cell extracts $(30 \mu \mathrm{~g})$ was separated by $10 \%$ SDS-PAGE, and the membrane was blotted with PAF49 antibody, diluted by 1:1000.

