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Datasheet for ABIN7146265  
**anti-Tescalcin antibody (AA 2-214)**

2 Images

Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg  |
| Target:              | Tescalcin (TESC)                                      |
| Binding Specificity: | AA 2-214  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This Tescalcin antibody is un-conjugated              |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human Calcineurin B homologous protein 3 protein (2-214AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse   |
| Purification:     | >95%, Protein G purified   |

Target Details

|                   |  |
|-------------------|--|
| Target:           | Tescalcin (TESC)   |
| Alternative Name: | <a href="#">TESC (TESC Products)</a>   |
| Background:       | Background: Functions as an integral cofactor in cell pH regulation by controlling plasma membrane-type Na(+)/H(+) exchange activity. Promotes the maturation, transport, cell surface |

## Target Details

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stability and exchange activity of SLC9A1/NHE1 at the plasma membrane. Promotes the induction of hematopoietic stem cell differentiation toward megakaryocytic lineage. Essential for the coupling of ERK cascade activation with the expression of ETS family genes in megakaryocytic differentiation. Also involved in granulocytic differentiation in a ERK-dependent manner. Inhibits the phosphatase activity of calcineurin.

Aliases: TESC antibody, CHP3Calcineurin B homologous protein 3 antibody, Tescalcin antibody, TSC antibody

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UniProt: [Q96BS2](#)

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Pathways: [Proton Transport](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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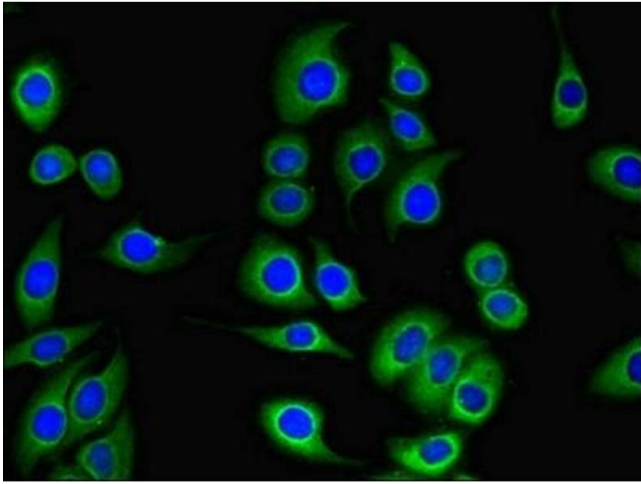
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

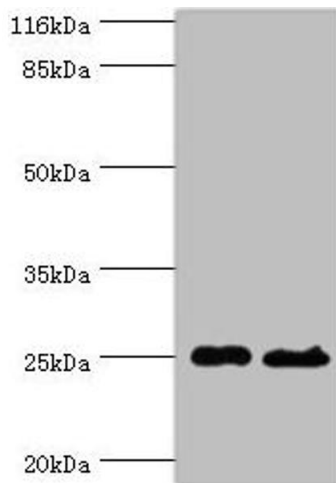
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunofluorescence

**Image 1.** Immunofluorescent analysis of A549 cells using ABIN7146265 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



### Western Blotting

**Image 2.** Western blot All lanes: Calcineurin B homologous protein 3 antibody at 2 µg/mL Lane 1: Hela whole cell lysate Lane 2: Mouse brain tissue Secondary Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 25, 19, 22 kDa Observed band size: 25 kDa