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Datasheet for ABIN7145870  
**anti-ZNF224 antibody (AA 206-463) (FITC)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg                                     |
| Target:              | ZNF224                                     |
| Binding Specificity: | AA 206-463                                 |
| Reactivity:          | Human                                      |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This ZNF224 antibody is conjugated to FITC |
| Application:         | Please inquire                             |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human BUB3-interacting and GLEBS motif-containing protein ZNF207 protein (206-463AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | >95%, Protein G purified   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | ZNF224  |
| Alternative Name: | ZNF27 ( <a href="#">ZNF224 Products</a> )   |
| Background:       | Background: Kinetochore- and microtubule-binding protein that plays a key role in spindle |

## Target Details

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assembly (PubMed:24462186, PubMed:24462187, PubMed:26388440). ZNF207/BuGZ is mainly composed of disordered low-complexity regions and undergoes phase transition or coacervation to form temperature-dependent liquid droplets. Coacervation promotes microtubule bundling and concentrates tubulin, promoting microtubule polymerization and assembly of spindle and spindle matrix by concentrating its building blocks (PubMed:26388440). Also acts as a regulator of mitotic chromosome alignment by mediating the stability and kinetochore loading of BUB3 (PubMed:24462186, PubMed:24462187). Mechanisms by which BUB3 is protected are unclear: according to a first report, ZNF207/BuGZ may act by blocking ubiquitination and proteasomal degradation of BUB3 (PubMed:24462186). According to another report, the stabilization is independent of the proteasome (PubMed:24462187).

Aliases: Zinc finger protein 207 antibody, ZN207\_HUMAN antibody, ZNF 207 antibody, ZNF207 antibody

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UniProt: [O43670](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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

Preservative: ProClin

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

Storage: -20 °C,-80 °C

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