Datasheet for ABIN7452845

# anti-ZNF207 antibody (AA 428-478)

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | ZNF207 |
| Binding Specificity: | AA 428-478 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ZNF207 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunoprecipitation (IP) |

## Product Details

| | |
|---|---|
| Purpose: | Rabbit anti-ZNF207 Antibody, Affinity Purified |
| Immunogen: | between AA 428 and 478 |
| Isotype: | IgG |
| Predicted Reactivity: | Orangutan |
| Purification: | Affinity Purified |

## Target Details

| | |
|---|---|
| Target: | ZNF207 |
| Alternative Name: | ZNF207 (ZNF207 Products) |
| Background: | Background: ZNF207 is a kinetochore- and microtubule-binding protein that plays a key role in |

## Target Details

| | |
|---|---|
| | spindle assembly. 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. Also acts as a regulator of mitotic chromosome alignment by mediating the stability and kinetochore loading of BUB3. 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 . According to another report, the stabilization is independent of the proteasome. [taken from the Universal Protein Resource (UniProt) O43670]. |
| Gene ID: | 7756 |
| UniProt: | O43670 |

## Application Details

| | |
|---|---|
| Application Notes: | IP: 50-100 µL/mg lysate<br>WB: 1:10,000 - 1:25,000 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Concentration: | 1000 µg/mL |
| Buffer: | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C |
| Expiry Date: | 12 months |