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Datasheet for ABIN7452258  
**anti-AKAP13 antibody (AA 1850-1900)**

### Overview

|                      |                                       |
|----------------------|---------------------------------------|
| Quantity:            | 100 µg                                |
| Target:              | AKAP13                                |
| Binding Specificity: | AA 1850-1900                          |
| Reactivity:          | Human                                 |
| Host:                | Rabbit                                |
| Clonality:           | Polyclonal                            |
| Conjugate:           | This AKAP13 antibody is un-conjugated |
| Application:         | Immunoprecipitation (IP)              |

### Product Details

|               |   |
|---------------|---|
| Purpose:      | Rabbit anti-AKAP13/AKAP-Lbc Antibody, Affinity Purified |
| Immunogen:    | between AA 1850 and 1900                                |
| Isotype:      | IgG   |
| Purification: | Affinity Purified                                       |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | AKAP13  |
| Alternative Name: | AKAP13/AKAP-Lbc ( <a href="#">AKAP13 Products</a> )   |
| Background:       | Background: AKAP13/AKAP-Lbc was originally identified as an oncogenic protein that associates with the GTP-binding protein Rho. AKAP13-Lbc is also a member of the A-kinase |

## Target Details

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anchoring protein family that functions as a molecular scaffold for the subcellular compartmentalization of A- kinase signaling molecules. AKAP13-Lbc has been found to possess Rho-specific guanine nucleotide exchange factor (GEF) activity and is critical to mediating RhoA activation and signal transduction.

Gene ID: 11214

NCBI Accession: [NP\\_009131](#)

UniProt: [Q12802](#)

Pathways: [Neurotrophin Signaling Pathway](#)

## Application Details

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Application Notes: IP: 2 - 5 µg/mg lysate  
WB: Not recommended. Use rabbit anti-AKAP13/AKAP-Lbc antibody ABIN7451615.

Restrictions: For Research Use only

## Handling

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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