

BRD4 Rabbit mAb (AR1746)

Key Features

| | |
|---------------|--|
| Host Species: | Rabbit |
| Reactivity: | Human, Mouse, Rat |
| Applications: | WB, IHC, IF, IP, ELISA |
| Isotype: | IgG, Kappa |
| MW: | 152kDa (Calculated) 152kDa (Observed) |

Recommended Dilution Ratios

| | |
|--------|--------------|
| IHC: | 1:100-200 |
| WB: | 1:2000-10000 |
| IF: | 1:200-1000 |
| ELISA: | 1:5000-20000 |
| IP: | 1:50-200 |

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

| | |
|-----------|------------|
| Clonality | Monoclonal |
|-----------|------------|

Immunogen Information

| | |
|-------------|------------|
| Specificity | Endogenous |
|-------------|------------|

Target Information

| | |
|-----------|------------|
| Gene name | BRD4 HUNK1 |
|-----------|------------|

| | |
|--------------|--|
| Protein Name | Bromodomain-containing protein 4 (Protein HUNK1) |
|--------------|--|

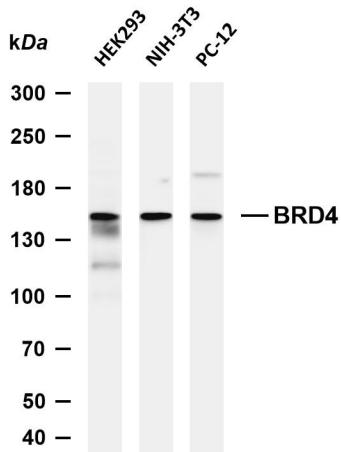
| Organism | Gene ID | UniProt ID |
|----------|---------|------------|
| Human | 23476 | O60885 |
| Mouse | 57261 | Q9ESU6 |

Cellular Localization

Nucleus. Chromosome. Associates with acetylated chromatin (PubMed:21890894, PubMed:16109376). Released from chromatin upon deacetylation of histones that can be triggered by different signals such as activation of the JNK pathway or nocodazole treatment (PubMed:21890894, PubMed:16109376). Preferentially

localizes to mitotic chromosomes, while it does not localizes to meiotic chromosomes (PubMed:21890894, PubMed:16109376); [Isoform B]: Chromosome.

Validation Data



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-BRD4 antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

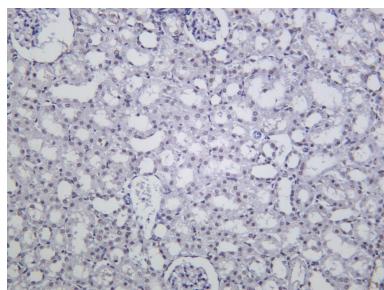
Lane 1: HEK293

Lane 2: NIH-3T3

Lane 3: PC-12

Predicted band size: 152kDa

Observed band size: 152kDa



Rat kidney was stained with anti-BRD4 Rabbit antibody.

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