

## Rabbit anti-Human, Mouse BRD4 Polyclonal Antibody | anti-BRD4 antibody

Anti-BRD4 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                          |
|-----------|--------|--------------|-------------------------------------------------------|
| AAA264286 | Rabbit | Human, Mouse | Immunocytochemistry, Immunofluorescence, Western Blot |

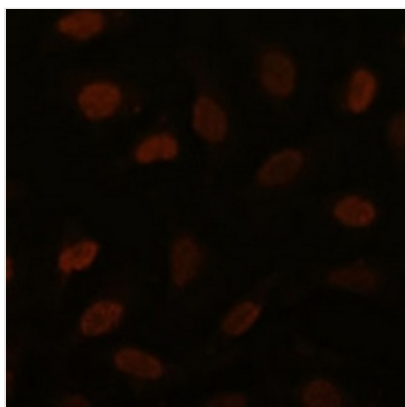
### PRODUCT SYNONYMS

BRD4; Polyclonal Antibody; Anti-BRD4 Antibody; HUNK1; Bromodomain-containing protein 4; Protein HUNK1; anti-BRD4 antibody

### PRODUCT SPECIFICATIONS

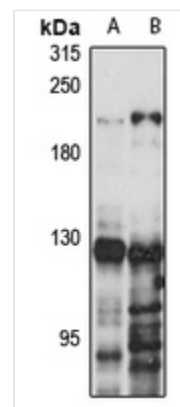
|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse                                                                                              |
| Clonality                                      | Polyclonal                                                                                                |
| Specificity                                    | Recognizes endogenous levels of BRD4 protein.                                                             |
| Purity/Purification                            | Purified by Immunogen Affinity Chromatography                                                             |
| Form/Format                                    | Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide. |
| Applicable Applications for anti-BRD4 antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                     |
| Immunogen                                      | Recombinant fusion protein of human BRD4. The exact sequence is proprietary.                              |
| Preparation and Storage                        | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                   |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of BRD4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### WB (Western Blot)

Western blot analysis of BRD4 expression in Jurkat (A), NIH3T3 (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-BRD4 antibody | Rabbit polyclonal antibody to BRD4 |
|----------------------------------------------------|------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| NCBI GI #                        | 7657218                                                                                   |
| NCBI GeneID                      | 23476                                                                                     |
| NCBI Accession #                 | NP_055114.1                                                                               |
| NCBI GenBank Nucleotide #        | NM_014299.2                                                                               |
| UniProt Accession #              | O60885; Q9ESU6                                                                            |
| Molecular Weight                 | 152kDa                                                                                    |
| NCBI Official Full Name          | bromodomain-containing protein 4 isoform short                                            |
| NCBI Official Synonym Full Names | bromodomain containing 4                                                                  |
| NCBI Official Symbol             | BRD4                                                                                      |
| NCBI Official Synonym Symbols    | CAP; MCAP; HUNK1; HUNKI                                                                   |
| NCBI Protein Information         | bromodomain-containing protein 4; bromodomain-containing 4; chromosome-associated protein |
| UniProt Protein Name             | Bromodomain-containing protein 4                                                          |
| UniProt Gene Name                | <b>BRD4</b>                                                                               |
| UniProt Synonym Gene Names       | HUNK1                                                                                     |
| UniProt Entry Name               | BRD4_HUMAN                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/brd4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/264286>