

## Rabbit BRD4 Polyclonal Antibody | anti-BRD4 antibody

BRD4 Antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                        | APPLICATIONS |
|-----------|--------|-------------------------------------------------------------------|--------------|
| AAA197708 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish | Western Blot |

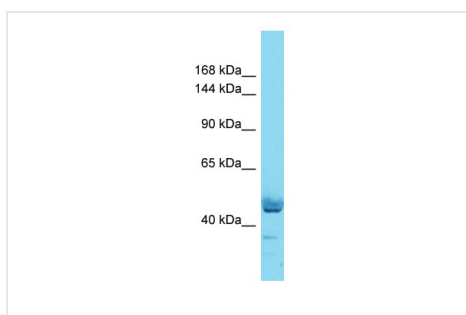
### PRODUCT SYNONYMS

BRD4; Polyclonal Antibody; BRD4 Antibody - N-terminal region; anti-BRD4 antibody

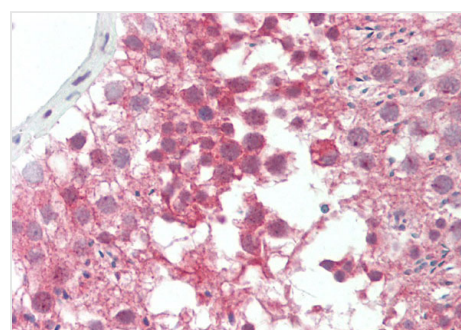
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: NP PPPEYINTKK NGRLTNQLQY LQKVVLKDLW KHSFSWPFQR PVDVAVKLQ                                                 |
| Sequence Length                                | 462                                                                                                                                                   |
| Applicable Applications for anti-BRD4 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 86%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%                                  |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the N-terminal region of human BRD4                                                             |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

Host: Rabbit Target Name: BRD4 Sample Type: Thymus Tumor lysates Antibody Dilution: 1.0ug/ml


**IHC (Immunohistochemistry)**

Rabbit Anti-BRD4 antibody Formalin Fixed Paraffin Embedded Tissue: Human Testis Primary antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BRD4 antibody | <p>This is a rabbit polyclonal antibody against BRDT. It was validated on Western Blot</p> <p>Target Description: The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described.</p> |
| Product Categories/Family for anti-BRD4 antibody   | Polyclonal; Various                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 7657218                                        |
| NCBI GeneID                      | 23476                                          |
| NCBI Accession #                 | NP_055114.1                                    |
| NCBI GenBank Nucleotide #        | NM_014299.2                                    |
| UniProt Accession #              | O60885                                         |
| Molecular Weight                 | 50kDa                                          |
| 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               |
| UniProt Protein Name             | Bromodomain-containing protein 4               |
| UniProt Gene Name                | BRD4                                           |
| 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.