

**BRD3 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8050b**

**Specification**

**BRD3 Antibody (C-term) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">O15059</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>Rabbit Ig</b>
Antigen Region	<b>672-702</b>

**BRD3 Antibody (C-term) - Additional Information**

**Gene ID** 8019

**Other Names**

Bromodomain-containing protein 3,  
RING3-like protein, BRD3, KIAA0043,  
RING3L

**Target/Specificity**

This BRD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 672-702 amino acids from the C-terminal region of human BRD3.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100

**Format**

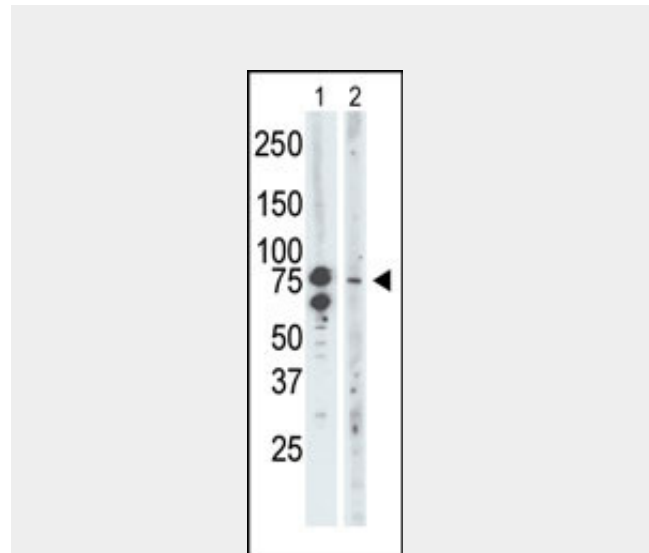
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**

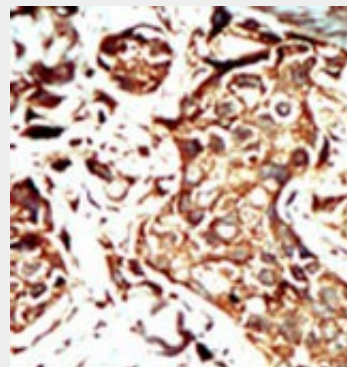
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

BRD3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.



The anti-BRD3 Pab (Cat. #AP8050b) is used in Western blot to detect BRD3 in mouse brain tissue lysate (Lane 1) and Saos-2 cell lysate (Lane 2).



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

**BRD3 Antibody (C-term) - Background**

This gene was identified based on its

**BRD3 Antibody (C-term) - Protein Information****Name** BRD3**Synonyms** KIAA0043, RING3L**Function**

Chromatin reader that recognizes and binds hyperacetylated chromatin and plays a role in the regulation of transcription, probably by chromatin remodeling and interaction with transcription factors (PubMed:<a href="http://www.uniprot.org/citations/18406326" target="\_blank">18406326</a>, PubMed:<a href="http://www.uniprot.org/citations/27105114" target="\_blank">27105114</a>).

Regulates transcription by promoting the binding of the transcription factor GATA1 to its targets (By similarity).

**Cellular Location**

Nucleus

{ECO:0000250|UniProtKB:Q8K2F0}.

Note=Detected on chromatin.

{ECO:0000250|UniProtKB:Q8K2F0}

**Tissue Location**

Ubiquitous.

homology to the gene encoding the RING3 protein, a serine/threonine kinase. The gene localizes to 9q34, a region which contains several major histocompatibility complex (MHC) genes. The function of the encoded protein is not known.

**BRD3 Antibody (C-term) - References**

Kaneko, H., et al., J Investig Allergol Clin Immunol 12(2):86-90 (2002).

Thorpe, K.L., et al., Immunogenetics 44(5):391-396 (1996).

Thorpe, K.L., et al., Gene 200 (1-2), 177-183 (1997).

**BRD3 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**BRD3 Antibody (C-term) - Citations**

- [The bromodomain protein inhibitor I-BET151 suppresses expression of inflammatory genes and matrix degrading enzymes in rheumatoid arthritis synovial fibroblasts.](#)