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Datasheet for ABIN6242208  
**anti-BRD4 antibody (C-Term)**

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### Overview

Quantity:	400 µL
Target:	BRD4
Binding Specificity:	AA 1313-1342, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	This BRD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1313~1342 amino acids from the C-terminal region of human BRD4.
Clone:	RB3422
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

### Target Details

Target:	BRD4
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## Target Details

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Alternative Name:	BRD4 ( <a href="#">BRD4 Products</a> )
Background:	BRD4 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. The 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.
Molecular Weight:	152219
NCBI Accession:	<a href="#">NP_055114</a> , <a href="#">NP_490597</a>
UniProt:	<a href="#">O60885</a>
Pathways:	<a href="#">Chromatin Binding</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

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Application Notes:	IHC-P: 1:50~100. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

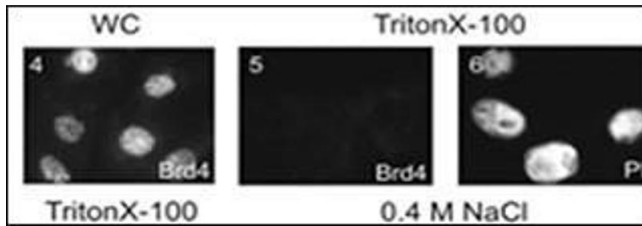
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

## Publications

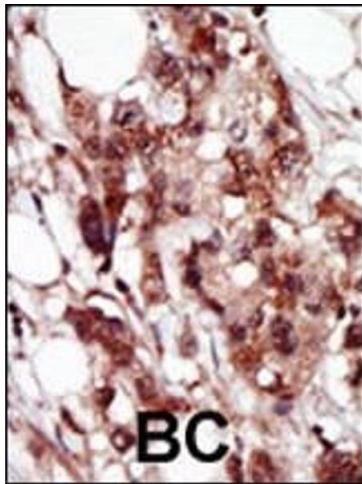
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Product cited in:	Müller, Rieder, Karpova, John, Trajanoski, McNally: "Organization of chromatin and histone modifications at a transcription site." in: <b>The Journal of cell biology</b> , Vol. 177, Issue 6, pp. 957-67, (2007) ( <a href="#">PubMed</a> ).
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#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Subnuclear distribution of cellular proteins. CHO Bgl40 cells grown on coverslips were either directly or after treatment with 0.5 % Triton X-100, incubated with antibodies against Brd4 (images 4 and 5). PI, propidium iodide staining of cellular DNA (images 6). WC, whole cells.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 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.