

Datasheet for ABIN2780921
anti-BRD4 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	BRD4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human BRD4
Sequence:	EIEIDFETLK PSTLRELERY VTSCLRKKRK PQA EKVDVIA GSSKMKGFSS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against BRD4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	BRD4
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Target Details

Alternative Name:	BRD4 (BRD4 Products)
Background:	<p>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 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> <p>Alias Symbols: CAP, HUNKI, MCAP, HUNK1</p> <p>Protein Interaction Partner: AFF1, CDK9, CCNT1, STAT3, JMJD6, TCERG1, HEXIM1, RN7SK, PRPF40A, vif, RPL6, MYC, MLLT1, ELAVL1, SUMO2, UBC, YWHAZ, KAT8, C8orf33, MESDC2, HIST1H4A, HIST1H3A, YWHAE, MED1, EP300, KDM5B, C7orf25, CHFR, CLDN1, RFC1, RFC4, HIST2H3C, HIST2H4A, MED12, MED24, ME</p> <p>Protein Size: 722</p>
Molecular Weight:	80 kDa
Gene ID:	23476
NCBI Accession:	NM_014299 , NP_055114
Pathways:	Chromatin Binding , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 722 AA
Restrictions:	For Research Use only

Handling

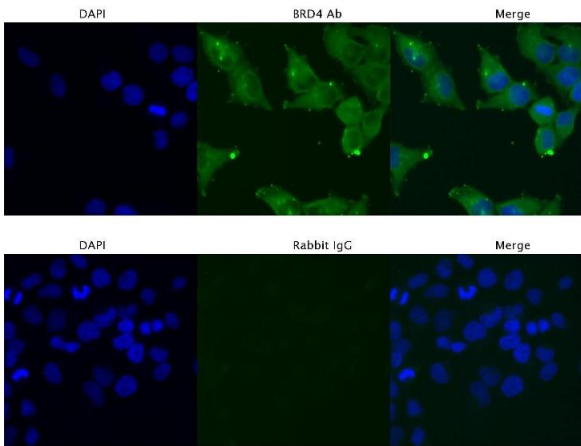
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

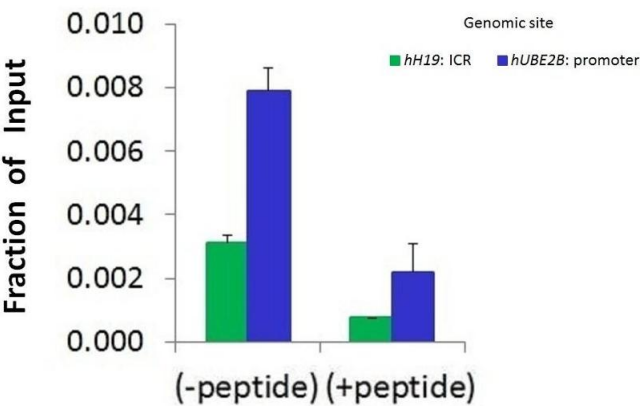
Images

BRD4 in HeLa Cells



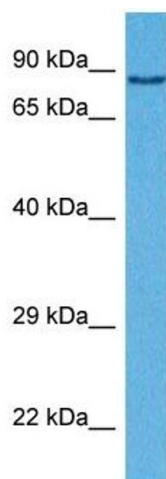
Immunofluorescence

Image 1. Sample Type : HeLa Primary Antibody Dilution: 4 ug/ml Secondary Antibody : Anti-rabbit Alexa 546 Secondary Antibody Dilution: 2 ug/ml Gene Name : BRD4



Chromatin Immunoprecipitation

Image 2. Chromatin Immunoprecipitation (ChIP) Using BRD4 antibody - C-terminal region and HCT116 Cells



Western Blotting

Image 3. Host: Rabbit Target Name: BRD4 Sample Tissue: Human 293T Whole Cell Antibody Dilution: 1ug/ml

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2780921.