

Rabbit BRD4 Polyclonal Antibody | anti-BRD4 antibody

BRD4 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198438	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot, Immunofluorescence, Chromatin Immunoprecipitation, Immunoprecipitation

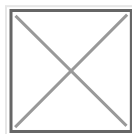
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

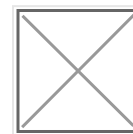
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EIDFETLKPS TLRELERYVT SCLRKKRPQ AEKVDVIAGS SKMKGFS
Sequence Length	722
Applicable Applications for anti-BRD4 antibody	WB (Western Blot), IF (Immunofluorescence), ChIP (Chromatin immunoprecipitation)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C 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)

WB Suggested Anti-BRD4 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Thymus



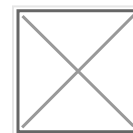
WB (Western Blot)

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



IF (Immunofluorescence)

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



ChIP (Chromatin Immunoprecipitation)

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

ADDITIONAL INFORMATION

Related Product Information for anti-BRD4 antibody	This is a rabbit polyclonal antibody against BRD4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-BRD4 antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Signal Transduction; Various; Epigenetics; Disease Related; Meiosis/Mitosis/Cell Cycle; Chromatin Immunoprecipitation; Acetylation; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657218
NCBI GeneID	23476
NCBI Accession #	NP_055114
NCBI GenBank Nucleotide #	NM_014299
UniProt Accession #	O60885
Molecular Weight	80kDa
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.