

Rabbit BRD4 Polyclonal Antibody | anti-BRD4 antibody

BRD4 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285914	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA

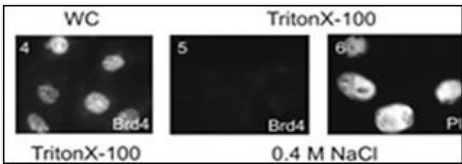
PRODUCT SYNONYMS

BRD4; Polyclonal Antibody; BRD4 Antibody (C-term); Bromodomain-containing protein 4; Protein HUNK1; HUNK1; anti-BRD4 antibody

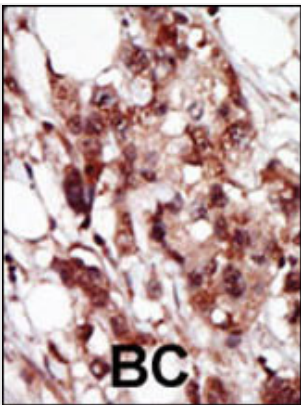
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1313-1342
Sequence Length	722
Applicable Applications for anti-BRD4 antibody	IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
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.



IHC (Immunohistochemistry)
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.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD4 antibody	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.
Product Categories/Family for anti-BRD4 antibody	Cancer
References	Maruyama, T., et al., Mol. Cell. Biol. 22(18):6509-6520 (2002). French, C.A., et al., Am. J. Pathol. 159(6):1987-1992 (2001). Dey, A., et al., Mol. Cell. Biol. 20(17):6537-6549 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657218
NCBI GeneID	23476
NCBI Accession #	NP_055114.1; NP_490597.1
NCBI GenBank Nucleotide #	NM_014299.2
UniProt Accession #	O60885; O60433; Q4G0X8; Q86YS8; Q96PD3
Molecular Weight	152219
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/brd4-antibody-immunohistochemistry-elisa/285914>