

Rabbit anti-Human BRD4 Monoclonal Antibody | anti-BRD4 antibody

BRD4 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282635	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

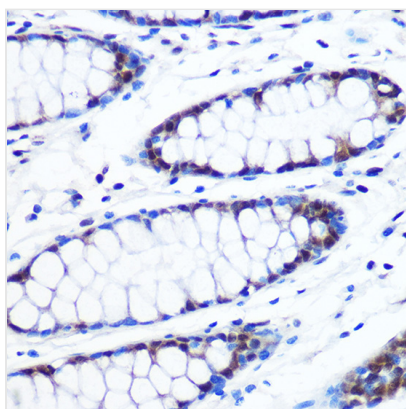
PRODUCT SYNONYMS

BRD4; Monoclonal Antibody; BRD4 Rabbit mAb; CAP; MCAP; HUNK1; HUNKI; FSHRG4; anti-BRD4 antibody

PRODUCT SPECIFICATIONS

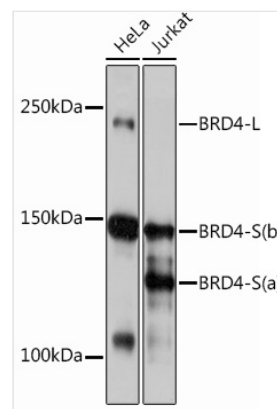
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	IIKTPMDMGT IKKRLNNYY WNAQECIQDF NTMFTNCYIY NKP GDDIVLM AEALEKLFLQ KINELPTEET EIMIVQAKGR GRGRKETGTA KPGVSTVPNT T
Applicable Applications for anti-BRD4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human BRD4 (O60885).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon using BRD4 Rabbit mAb (AAA282635) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using BRD4 Rabbit mAb (AAA282635) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD4 antibody	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	Epigenetics Nuclear Signaling; Cancer; Tumor suppressors; Signal Transduction; Kinase; Serine threonine kinases; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657218
NCBI GeneID	23476
NCBI Accession #	NP_055114.1
NCBI GenBank Nucleotide #	NM_014299.2
UniProt Accession #	O60885; O60433; Q4G0X8; Q86YS8; Q96PD3
Molecular Weight	Calculated MW: 152kDa Observed MW: 120kDa/140kDa/200kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/brd4-antibody-immunohistochemistry-western-blot-elisa/282635>