

Rabbit BRD2 Polyclonal Antibody | anti-BRD2 antibody

BRD2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288520	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

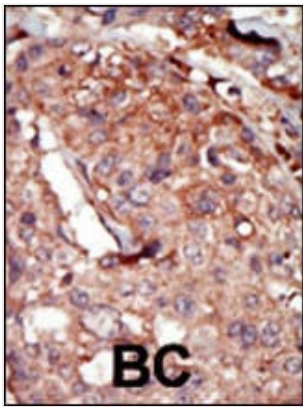
PRODUCT SYNONYMS

BRD2; Polyclonal Antibody; BRD2 Antibody (Center); Bromodomain-containing protein 2; O2711; Really interesting new gene 3 protein; KIAA9001; RING3; anti-BRD2 antibody

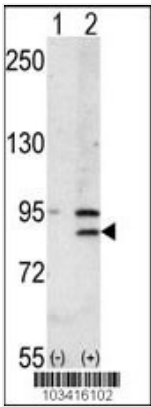
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BRD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 170-200 amino acids from the Central region of human BRD2.
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	170-200
Sequence Length	801
Applicable Applications for anti-BRD2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.

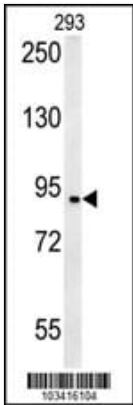
IMAGES



IHC (Immunohistochemistry)
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.



WB (Western Blot)
Western blot analysis of BRD2 (arrow) using rabbit polyclonal BRD2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the BRD2 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
BRD2-Q185 western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the BRD2 antibody detected the BRD2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BRD2 antibody	BRD2 is a mitogen-activated kinase which localizes to the nucleus. The gene maps to the major histocompatibility complex (MHC) class II region on chromosome 6p21.3 but sequence comparison suggests that the protein is not involved in the immune response. Homology to the Drosophila gene female sterile homeotic suggests that this human protein may be part of a signal transduction pathway involved in growth control.
Product Categories/Family for anti-BRD2 antibody	Cell Biology; Signal transduction
References	Pal, D.K., et al., Am. J. Hum. Genet. 73(2):261-270 (2003). Crowley, T.E., et al., Mol. Endocrinol. 16(8):1727-1737 (2002). Denis, G.V., et al., Cell Growth Differ. 11(8):417-424 (2000). Taniguchi, Y., et al., Genomics 51(1):114-123 (1998). Thorpe, K.L., et al., Immunogenetics 44(5):391-396 (1996).

NCBI AND UNIPROT INFORMATION

NCBI GI #	164419758
NCBI GeneID	6046
NCBI Accession #	NP_001106653.1; NP_001186384.1; NP_001186385.1; NP_005095.1
NCBI GenBank Nucleotide #	NM_001113182.2

UniProt Accession #	P25440; O00699; O00700; Q15310; Q5STC9; Q63HQ9; Q658Y7; Q6P3U2; Q969U4; A2AAU0; B0S7P0; B1AZT1
Molecular Weight	88061
NCBI Official Full Name	bromodomain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	bromodomain containing 2
NCBI Official Symbol	BRD2
NCBI Official Synonym Symbols	FSH; NAT; RNF3; FSRG1; RING3; D6S113E
NCBI Protein Information	bromodomain-containing protein 2
UniProt Protein Name	Bromodomain-containing protein 2
UniProt Gene Name	BRD2
UniProt Synonym Gene Names	KIAA9001; RING3
UniProt Entry Name	BRD2_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/polyclonal/brd2-antibody-immunohistochemistry-western-blot-elisa/288520>