

Rabbit BRD2 Polyclonal Antibody | anti-BRD2 antibody

BRD2 Polyclonal Antibody

CATALOG # AAA179040	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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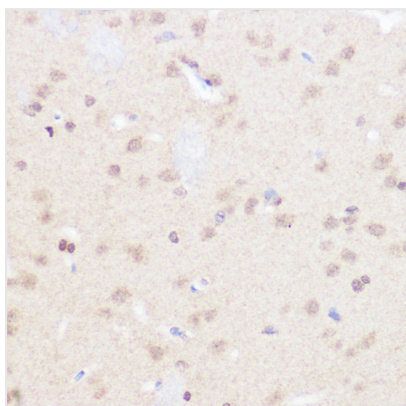
PRODUCT SYNONYMS

BRD2; Polyclonal Antibody; BRD2 Polyclonal Antibody; BRD2-IT1; D6S113E; FSH; FSRG1; NAT; O27.1.1; RING3; RNF3; anti-BRD2 antibody

PRODUCT SPECIFICATIONS

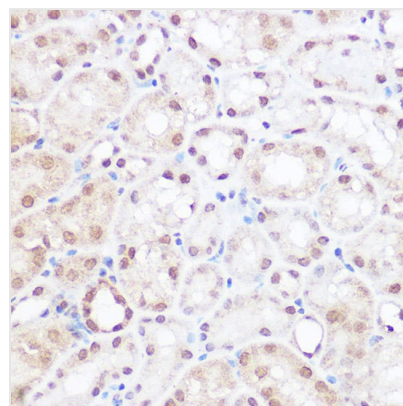
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-BRD2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human BRD2
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



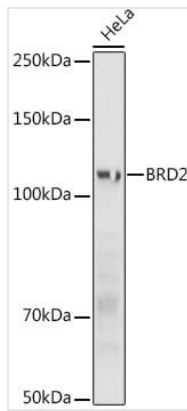
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using BRD2 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



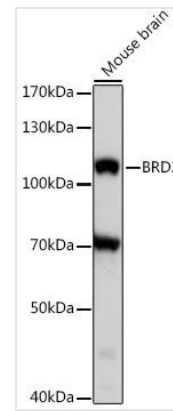
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using BRD2 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells using BRD2 Polyclonal Antibody at 1:1000 dilution. HeLa cells were treated by NaCl (400mM)



WB (Western Blot)

Western blot analysis of extracts of mouse brain using BRD2 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD2 antibody	This gene encodes a transcriptional regulator that belongs to the BET (bromodomains and extra terminal domain) family of proteins. This protein associates with transcription complexes and with acetylated chromatin during mitosis, and it selectively binds to the acetylated lysine-12 residue of histone H4 via its two bromodomains. 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. This gene has been implicated in juvenile myoclonic epilepsy, a common form of epilepsy that becomes apparent in adolescence. Multiple alternatively spliced variants have been described for this gene.
Product Categories/Family for anti-BRD2 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	164419758
NCBI GeneID	6046
NCBI Accession #	NP_001106653.1
NCBI GenBank Nucleotide #	NM_001113182.2
UniProt Accession #	P25440 ; O00699 ; O00700 ; Q15310 ; Q5STC9 ; Q6P3U2 ; Q969U4 ; A2AAU0 ; B0S7P0 ; B1AZT1
Molecular Weight	801
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; O27.1.1; bromodomain-containing 2; really interesting new gene 3 protein; female sterile homeotic-related gene 1
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.

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

Online datasheet: <https://stage.aaabiotech.com/polyclonal/brd2-antibody-immunohistochemistry-western-blot-elisa/179040>