

Rabbit BRD2 Polyclonal Antibody | anti-BRD2 antibody

BRD2 Antibody

CATALOG # AAA328790	HOST Rabbit	REACTIVITY HumanPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	APPLICATIONS Western Blot
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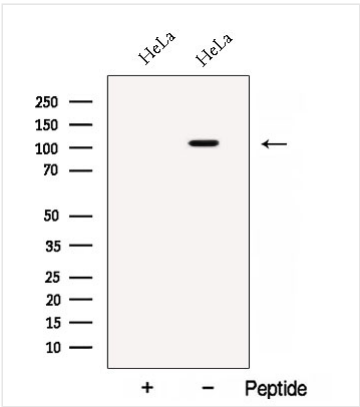
PRODUCT SYNONYMS

BRD2; Polyclonal Antibody; BRD2 Antibody; BRD 2; Brd2; BRD2_HUMAN; Bromodomain containing 2; Bromodomain-containing protein 2; D6S113E; DKFZp686N0336; Female sterile homeotic related gene 1; mouse; homolog of; FLJ31942; FSH; FSRG1; KIAA9001; NAT; O27.1.1; Really interesting new gene 3 protein; RING3; RING3 PROTEIN; RNF3; anti-BRD2 antibody

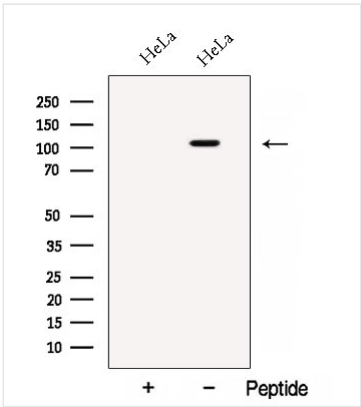
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	BRD2 Antibody detects endogenous levels of BRD2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	801
Applicable Applications for anti-BRD2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human BRD2.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using BRD2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from MCF7, using BRD2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD2 antibody	Description: May play a role in spermatogenesis or folliculogenesis (By similarity). Binds hyperacetylated chromatin and plays a role in the regulation of transcription, probably by chromatin remodeling. Regulates transcription of the CCND1 gene. Plays a role in nucleosome assembly.
	Subunit Structure: Homodimer. Interacts with E2F1 and with histone H4 acetylated at 'Lys-13'.
	Similarity: One bromodomain is sufficient for a partial interaction with histone H4 acetylated at 'Lys-13'.

NCBI AND UNIPROT INFORMATION

NCBI GI #	164419758
NCBI GeneID	6046
NCBI Accession #	NP_001106653.1
NCBI GenBank Nucleotide #	NP_001106653.1
UniProt Accession #	P25440
Molecular Weight	Observed: 110 kDa Predicted: 89 kDa
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; O27.1.1; BRD2-IT1
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.

