



# BRD2 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-07680
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	BRD2 KIAA9001 RING3
<b>Protein Name</b>	Bromodomain-containing protein 2 (O27.1.1) (Really interesting new gene 3 protein)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein AA range: 300-350
<b>Specificity</b>	BRD2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	88kD
<b>Cell Pathway</b>	Nucleus . Detected on chromatin and nucleosomes.
<b>Tissue Specificity</b>	Bone marrow,Epithelium,PNS,T-cell,Testis,
<b>Function</b>	domain:One bromodomain is sufficient for a partial interaction with histone H4 acetylated at 'Lys-13'.,function:May play a role in spermatogenesis or folliculogenesis.,similarity:Contains 1 ET domain.,similarity:Contains 2 bromo domains.,subunit:Homodimer. Interacts with E2F1 and with histone H4 acetylated at 'Lys-13'.,
<b>Background</b>	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. [provided by RefSeq, Dec 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

