



BRD2 Polyclonal Antibody

Catalog No	YP-Ab-07680
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	BRD2 KIAA9001 RING3
Immunogen	Synthesized peptide derived from part region of human protein AA range: 300-350
Specificity	BRD2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	bromodomain containing 2;Bromodomain-containing protein 2;D6S113E;FSH;FSRG1;BRD2;BRD2 KIAA9001 RING3;Bromodomain-containing protein 2 (O27.1.1) (Really interesting new gene 3 protein)
Observed Band	100-110 kDa
Calculated Molecular Weight	836 aa, 92 kDa
Cell Pathway	Nucleus . Detected on chromatin and nucleosomes.
Tissue Specificity	Bone marrow,Epithelium,PNS,T-cell,Testis,
Function	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'.,
Background	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