



Rabbit Anti-BRD2 antibody

SL12888R

Product Name:	BRD2
Chinese Name:	BRD2蛋白抗体
Alias:	BRD 2; Brd2; BRD2_HUMAN; Bromodomain containing 2; BROMODOMAIN CONTAINING PROTEIN2; Bromodomain-containing protein 2; D6S113E; DKFZp686N0336; female sterile homeotic related gene 1; FLJ31942; FSH; FSRG1; KIAA9001; NAT; O27.1.1; Really interesting new gene 3 protein; Ring3; RING3 PROTEIN; RNF3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	88kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human BRD2:301-400/801
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The bromodomain-containing proteins include BRD2, BRD3, BRD4 and BRDT. BRD2 (RING3 protein) is a mitogen-activated nuclear protein whose gene is located in the human MHC II region, suggesting its relation to HLA-associated diseases. The gene

encoding BRD3 (RING3-like protein) contains two bromodomains and maps to chromosome 9q34. BRD4 (HUNK1 protein) is a nuclear protein involved in the regulation of chromosomal dynamics during mitosis. The testis-specific bromodomain protein BRDT contains a PEST sequence, indicating that it undergoes rapid intracellular degradation. The bromodomain-containing proteins are ubiquitously expressed.

Function:

May play a role in spermatogenesis or folliculogenesis.

Subunit:

Homodimer. Interacts with E2F1 and with histone H4acetylated at 'Lys-13'.

Subcellular Location:

Nucleus.

Similarity:

Contains 2 bromo domains.

Contains 1 ET domain.

SWISS:

P25440

Gene ID:

6046

Database links:

[Entrez Gene: 6046](#)Human

[Entrez Gene: 14312](#)Mouse

[Entrez Gene: 294276](#)Rat

[Omim: 601540](#)Human

[SwissProt: P25440](#)Human

[SwissProt: Q7JJ13](#)Mouse

[SwissProt: Q6MGA9](#)Rat

[Unigene: 75243](#)Human

[Unigene: 3444](#)Mouse

[Unigene: 98146](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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