

# BRD2 Antibody

**ALTERNATE NAMES:** FSRG1, NAT, RING3, RNF

**CATALOG #:** 6839-50

**AMOUNT:** 50 µl

**HOST/ISOTYPE:** Rabbit

**IMMUNOGEN:** Polyclonal antibody raised in rabbit against mouse Brd2 (bromodomain containing 2), using a KLH conjugated synthetic peptide containing an amino acid sequence from the central part of the protein.

**FORM:** Liquid

**FORMULATION:** In PBS with 0.05% (W/V) sodium azide.

**PURIFICATION:** Whole antiserum from rabbit

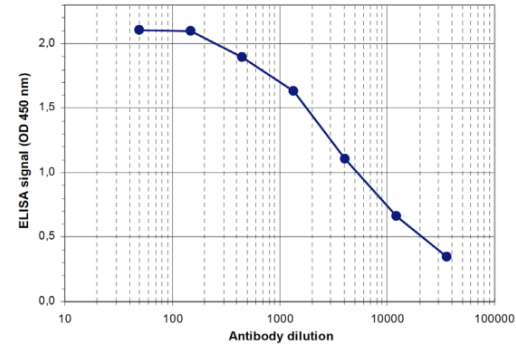
**SPECIES REACTIVITY:** Mouse.

**STORAGE CONDITIONS:** Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.

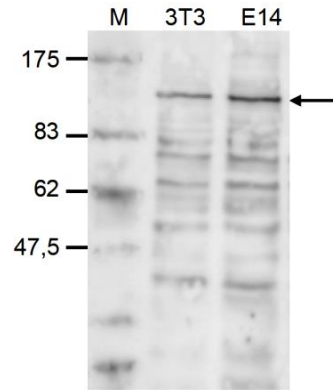
**DESCRIPTION:** Brd2, a mitogen-activated kinase localized to the nucleus, is a putative transcriptional regulator which interacts with E2F1 and with histone H4 acetylated at 'Lys-13'. It is expressed during development and may be involved in growth control. Brd2 also may play a role in spermatogenesis or folliculogenesis and may be involved in some types of leukemia and in juvenile myoclonic epilepsy.

**APPLICATION:** Western Blot: 1:1000, ELISA: 1:100.

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



To determine the titer, an ELISA was performed using a serial dilution of the antibody. The wells were coated with the peptide used for immunization of the rabbit. By plotting the absorbance against the antibody dilution the titer of the antibody was estimated to be 1:5,000.



Whole cell lysates of NIH3T3 cells were analysed by Western blot using the antibody diluted 1:1,000 in TBS-Tween containing 5% skimmed milk. The position of the protein of interest (expected size 88 kDa) is indicated on the right; the marker (in kDa) is shown on the left.

**RELATED PRODUCTS:**

- BRD2 Antibody (**Cat # 6281-100**)
- BRD2 bromodomain (1-455 aa), human recombinant (**Cat # 7406-100**)
- BRD2 bromodomain 1 (65-187 aa), human recombinant (**Cat # 7646-20, -100**)
- BRD2 bromodomain 1 and 2 (65-459 aa), human recombinant (**Cat # 7647-20, -100**)
- BRD2 bromodomain 2 (339-459 aa), human recombinant (**Cat # 7648-20, -100**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**

