

Product datasheet for **TA347084**

BRD2 Rabbit Polyclonal Antibody

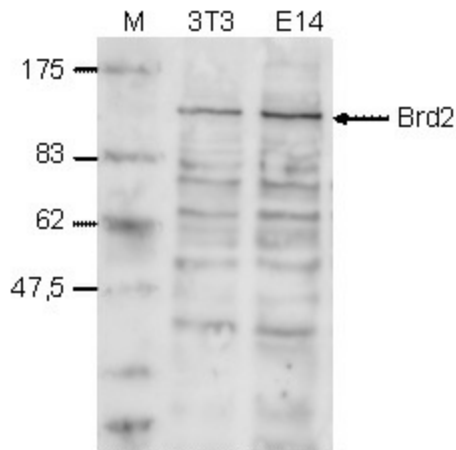
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA (100) ; Western blotting (1:1,000)
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-BRD2 antibody: mouse Brd2 (bromodomain containing 2), using a KLH-conjugated synthetic peptide containing an amino acid sequence from the central part of the protein (1).
Concentration:	lot specific
Purification:	Whole antiserum from rabbit containing 0.05% azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	bromodomain containing 2
Database Link:	NP_001106653 Entrez Gene 14312 Mouse P25440
Background:	Brd2 (UniProtKB/Swiss-Prot entry P25440), 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.
Synonyms:	D6S113E; FSH; FSRG1; NAT; RING3; RNF3
Protein Families:	Protein Kinase

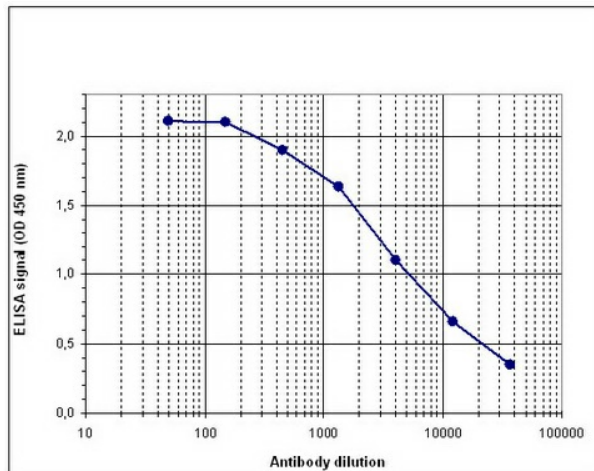


[View online »](#)

Product images:



WB was performed on whole cell lysates from mouse fibroblasts (NIH3T3) and embryonic stem cells (E14Tg2a) with the antibody against mouse Brd2, diluted 1:1,000 in BSA/PBS-Tween. The molecular weight marker (M, in kDa) is shown on the left; the location of the protein of interest (predicted size: 88 kDa) is indicated on the right.



Determination of the titer To determine the titer, an ELISA was performed using a serial dilution of the antibody against mouse Brd2. The wells were coated with the peptide used for immunisation of the rabbit. By plotting the absorbance against the antibody dilution (Figure 1), the titer of the antibody was estimated to be 1:5,000.