Product name:	BRWD3 Rabbit Polyclonal Antibody
Cat number:	ABN07670
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human BRWD3. AA range:1751-1800
Reactivity:	Human,Mouse
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight:	204kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

Background:

The protein encoded by this gene contains a bromodomain and several WD repeats. It is thought to have a chromatin-modifying function, and may thus play a role in transcription. Mutations in this gene cause mental retardation X-linked type 93, which is also referred to as mental retardation X-linked with macrocephaly. This gene is also associated with translocations in patients with B-cell chronic lymphocytic leukemia. [provided by RefSeq, May 2010],caution:The translocation involving this gene was originally published as t(X;11)(q13;23) (PubMed:15543602), but BRWD3 is localized to Xq21 and not to Xq13.,developmental stage:Expressed in fetal liver.,disease:A chromosomal aberration involving BRWD3 can be found in patients with B-cell chronic lymphocytic leukemia (B-CLL). Translocation t(X;11)(q21;q23) with ARHGAP20 does not result in fusion transcripts but disrupts both genes.,disease:Defects in BRWD3 are the cause of mental retardation X-linked type 93 (MRX93) [MIM:300659]; also known as mental retardation X-linked with macrocephaly. Mental retardation is characterized by significantly sub-average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period. Mentally retarded individuals are at least twice as likely to have macrocephaly than are their intellectually normal peers.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 2 bromo domains.,similarity:Contains 9 WD repeats.,tissue specificity:Found in most adult tissues. Down-regulated in a majority of the B-CLL cases examined.,