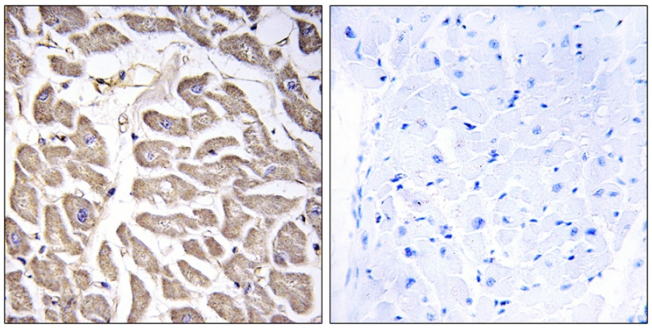
BRWD3 Polyclonal Antibody

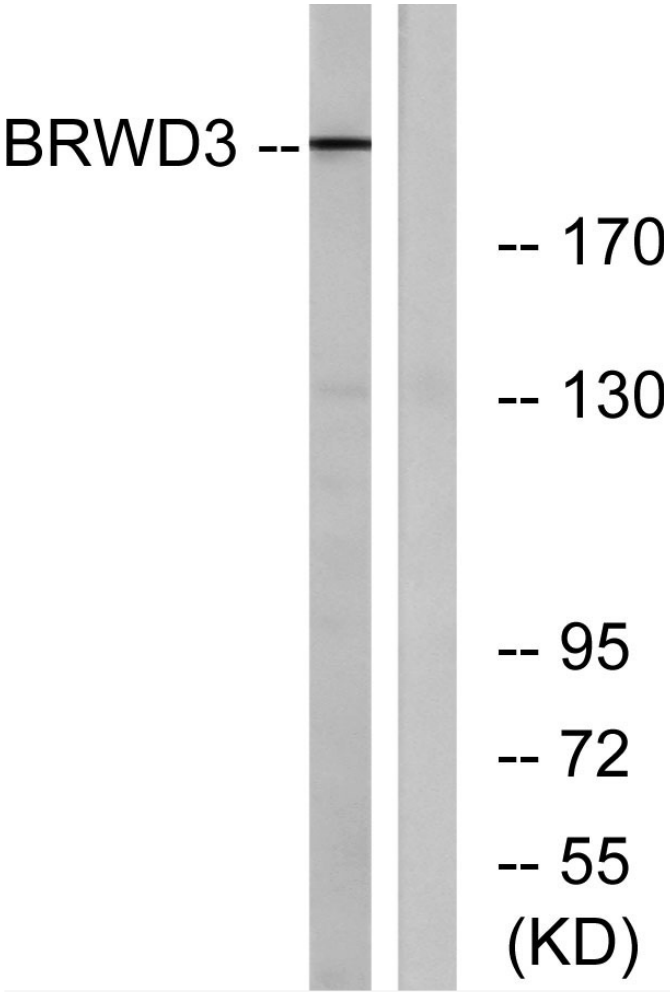
Catalog No	BYab-16666
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	BRWD3
Protein Name	Bromodomain and WD repeat-containing protein 3
Immunogen	The antiserum was produced against synthesized peptide derived from human BRWD3. AA range:1751-1800
Specificity	BRWD3 Polyclonal Antibody detects endogenous levels of BRWD3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BRWD3; Bromodomain and WD repeat-containing protein 3
Observed Band	204kD
Cell Pathway	nucleus,
Tissue Specificity	Found in most adult tissues. Down-regulated in a majority of the B-CLL cases examined.
Function	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 intellectual
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],
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



Immunohistochemistry analysis of paraffin-embedded human heart tissue, using BRWD3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO cells, using BRWD3 Antibody. The lane on the right is blocked with the synthesized peptide.