

DNAxPAb

Hard-to-Find Antibody

BRD2 DNAPab

Catalog # H00006046-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human BRD2 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MLQNVTPHNKLPGEGNAGLLGLGPEAAAPGKRIRKPSLLYEGFESPTMASVPALQLTPANPPPP EVSNPKKPGRVTNQLQYLHKVVMKALWKHQFAWPFRQPVDVKLGLPDYHKIIKQPMDMGTIKR RENNYYWAASECMDFTNMTNCYYNKPTDDIVLMAQTLEKIFLQKVASMPQEEQELVV TIPKN SHKKGAKLAALQGSVTSAHQVPAVSSVSHTALYTPPPEIPTTVLNIPHPSVISSPLLKSLHSAGPPL LAVTAAPPAQPLAKKKGVKRKADTTTPTTAILAPGSPASP PGSLEPKAARLPPMRRESGRPIKP PRKDLPDSQQQHQS SKKGKLSEQLKHCNGILKELLSKKHAAYAWPFYKPVDASALGLHDYHDIK HPMDLSTVKRK MENRDYRDAQEFAADVRLMFSNCYYNPPDHDV VAMARKLDVFEFRYAKM PDEPLEGPLPVSTAMP PGLAKSSSESSESSSESSEEEEEDEEDEEEEESESSDSEEE RAHRLAELQEQLRAVHEQLAALSQGPISKPKRKREKKEKKKKRKAEKHRGRAGADEDDKGPR A PRPPQPKSKKASGSGGGSAALGPSGFGPSGGSGTKLPKKATKTAPPALPTGYDSEEEE SRP MSYDEK RQLSLDINKLPGEKLGRVVHI IQAREPSLRDSNP EEIEIDFETLK PSTLRELERYVL SCLR K KPRKPYTIKKPVGKTKEELALEKKRELEKRLQDVSGQLNSTKKPPKKANEKTESSSAQQVAVSRL SASSSSSDSSSSSSSSSSSDTS DSDSG
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — BRD2

Entrez GeneID [6046](#)

GeneBank Accession# [NM_005104.2](#)

Protein Accession# [NP_005095.1](#)

Gene Name BRD2

Gene Alias D6S113E, DKFZp686N0336, FLJ31942, FSH, FSRG1, KIAA9001, NAT, RING3, RNF3

Gene Description bromodomain containing 2

Omim ID [601540](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a transcriptional regulator that belongs to the BET (bromodomains and extra terminal domain) family of proteins. This protein associates with transcription complexes and with acetylated chromatin during mitosis, and it selectively binds to the acetylated lysine-12 residue of histone H4 via its two bromodomains. The gene maps to the major histocompatibility complex (MHC) class II region on chromosome 6p21.3, but sequence comparison suggests that the protein is not involved in the immune response. This gene has been implicated in juvenile myoclonic epilepsy, a common form of epilepsy that becomes apparent in adolescence. Multiple alternatively spliced variants have been described for this gene, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

Other Designations OTTHUMP00000029350|bromodomain-containing 2|female sterile homeotic-related gene 1

Disease

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- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)

- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Myoclonic Epilepsy](#)
- [Neuroblastoma](#)
- [Oligospermia](#)
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