

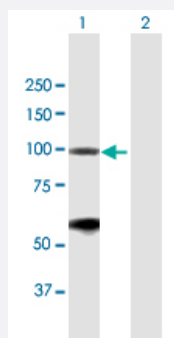
MaxPab®

BRD2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006046-B01P

Size 50 ug

Applications

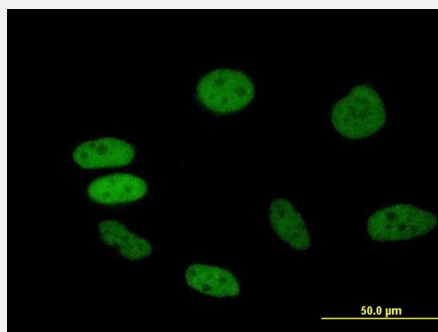


Western Blot (Transfected lysate)

Western Blot analysis of BRD2 expression in transfected 293T cell line ([H00006046-T01](#)) by BRD2 MaxPab polyclonal antibody.

Lane 1: BRD2 transfected lysate(88.11 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to BRD2 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human BRD2 protein.

Immunogen

BRD2 (NP_005095.1, 1 a.a. ~ 801 a.a) full-length human protein.

Sequence

MLQNVTPHNKLPGEENAGLLGLGPEAAAPGKRIRKPSLLYEGFESPTMASVPALQLTPANPPPP
 EVSNPKKPGRVTNQLQYLHKVVMKALWKHQFAWPFRQPVDAVKLGLPDYHKIHKQPMDMGTIKR
 RLENNYYWAASECMQDFNTMFTNCYYNKPTDDIVLMAQTLEKIFLQKVASMPQEEQELVVTIPKN
 SHKKGAKLAALQGSVTSAHQVPVSSVSHTALYTPPEIPTTVLNIPHPSVISSPLLKSLHSAGPPL
 LAVTAAPPAQPLAKKKGVKRKADTTTPTTAILAPGSPASPPGSLEPKAARLPPMRRESGRPIKP
 PRKDLPDSQQQHQSCKKGLSEQLKHCNGILKELLSKKHAAYAWPFYKPVDAALGLHDYHDIK
 HPMDLSTVKRKMENRDYRDAQEFAADVRLMFSNCYKYNPPDHDVVAMARKLQDVFEFRYAKM
 PDEPLEPGPLPVSTAMPPGLAKSSSESSSESSSESSSESSSESSSESSSESSSESSSESSSESS
 RAHRLAELQEQLRAVHEQLAALSQGPISKPKRKREKKEKKKKRKAEKHRGRAGADEDDKGPRA
 PRPPQPKSKKASGSGGSAALGPSGFGPSGGSGTKLPKKATKTAPPALPTGYDSEEEEEESRP
 MSYDEKRQLSLDINKLPGEKLGRVVHIIQAREPSLRDSNPEEIEIDFETLKPSTLRELERYVLSCLRK
 KPRKPYTIKKPVGKTKEELALEKKRELEKRLQDVSGQLNSTKKPPKKANEKTESSSAQQVAVSRL
 SASSSSSDSSSSSSSSSSSSSDTSDSDSG

Host

Mouse

Reactivity

Human

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

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[Protocol Download](#)

• Immunofluorescence

Immunofluorescence of purified MaxPab antibody to BRD2 on HeLa cell. [antibody concentration 10 ug/ml]

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

- [Abortion](#)
- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Myoclonic Epilepsy](#)
- [Neuroblastoma](#)
- [Oligospermia](#)
- [Photosensitivity Disorders](#)