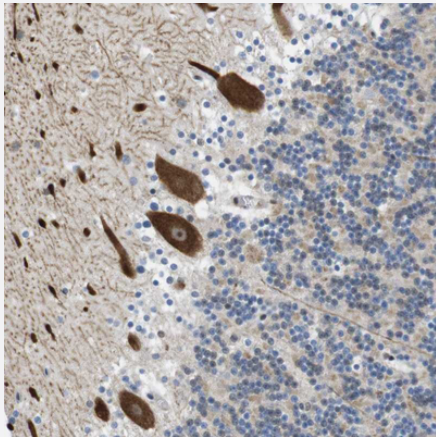


BRD4 polyclonal antibody

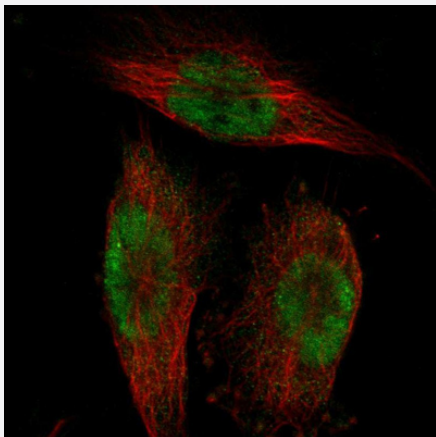
Catalog # PAB30602 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebellum with BRD4 polyclonal antibody (Cat # PAB30602) shows strong cytoplasmic positivity in purkinje cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG with BRD4 polyclonal antibody (Cat # PAB30602) shows positivity in nucleus but excluded from the nucleoli. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human BRD4.
Immunogen	Recombinant protein corresponding to amino acids 1031-1172 of human BRD4.
Sequence	PQPAKPQQVIQHHSRHHKSDPYSTGHLREAPSPLMIHSPQMSQFQSLTHQSPQQNVQPKK QELRAASVVQPQLVVKKEEKIHSPIIRSEPFSPSLRPEPPKHPESIKAPVHLPQRPEMKPVDVG RPVIRPPEQNAPPP

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1 - 4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200 - 1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — BRD4

Entrez GeneID	23476
Protein Accession#	O60885
Gene Name	BRD4
Gene Alias	CAP, HUNK1, HUNKI, MCAP
Gene Description	bromodomain containing 4
Omim ID	608749

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq]

Other Designations

bromodomain-containing 4|bromodomain-containing protein 4|chromosome-associated protein