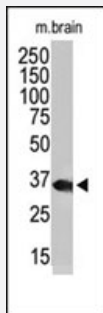


# HDAC11 polyclonal antibody

Catalog # PAB2343

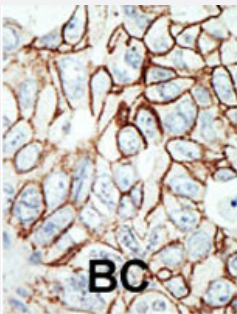
Size 400 uL

## Applications



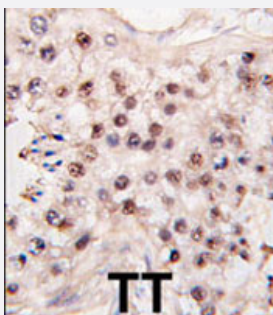
### Western Blot (Tissue lysate)

The HDAC11 polyclonal antibody (Cat # PAB2343) is used in Western blot to detect HDAC11 in mouse brain tissue lysate.



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

Purified rabbit HDAC11 polyclonal antibody (Cat # PAB2343) was used in immunohistochemistry on human breast carcinoma.



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

Formalin-fixed and paraffin-embedded human testicle tumor tissue reacted with HDAC11 polyclonal antibody (Cat # PAB2343), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

## Specification

### Product Description

Rabbit polyclonal antibody raised against synthetic peptide of HDAC11.

### Immunogen

A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human HDAC11.

Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. 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

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## Gene Info — HDAC11

Entrez GeneID	<a href="#">79885</a>
Protein Accession#	<a href="#">Q96DB2</a>
Gene Name	HDAC11
Gene Alias	FLJ22237
Gene Description	histone deacetylase 11

Omim ID [607226](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a class IV histone deacetylase. The encoded protein is localized to the nucleus and may be involved in regulating the expression of interleukin 10. Alternative splicing results in multiple transcript variants

**Other Designations** -

## Publication Reference

- [A limited group of class I histone deacetylases acts to repress human immunodeficiency virus type 1 expression.](#)

Keedy KS, Archin NM, Gates AT, Espeseth A, Hazuda DJ, Margolis DM.

Journal of Virology 2009 Mar; 83(10):4749.

- [Histone deacetylases in acute myeloid leukaemia show a distinctive pattern of expression that changes selectively in response to deacetylase inhibitors.](#)

Bradbury CA, Khanim FL, Hayden R, Bunce CM, White DA, Drayson MT, Craddock C, Turner BM.

Leukemia 2005 Oct; 19(10):1751.

Application: WB-Ce, Human, HL-60, HeLa cells

- [Chromosomal organization and localization of the novel class IV human histone deacetylase 11 gene.](#)

Voelter-Mahlknecht S, Ho AD, Mahlkecht U.

International Journal of Molecular Medicine 2005 Oct; 16(4):589.