

HDAC6 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03926
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HDAC6. AA range:7-56
Mol wt	131431
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	HDAC6 Antibody
Synonyms	HDAC6; KIAA0901; JM21; Histone deacetylase 6; HD6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. Histone deacetylase 6 encoded by HDAC6 belongs to class II of the histone deacetylase/acuc/alpha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. Histone deacetylase 6 possesses histone deacetylase activity and represses transcription.

Recommended Dilution

WB: 1: 500 - 1: 2000

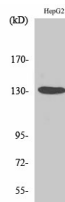
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

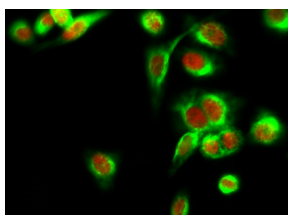
ELISA: 1: 20000

Not yet tested in other applications.

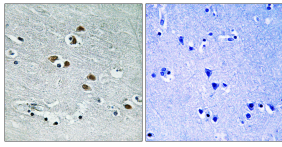
Images



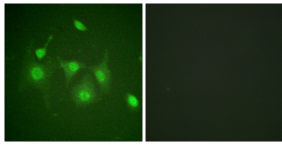
Western Blot analysis of various cells using HDAC6 Polyclonal Antibody diluted at 1:1000



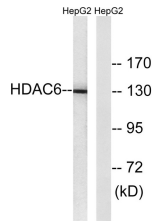
Immunofluorescence analysis of HeLa cell. 1, HDAC6 Polyclonal Antibody (red) was diluted at 1:200 (4° overnight). GFAP Monoclonal Antibody (5C8) (green) was diluted at 1:200 (4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min).



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using HDAC6 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HepG2 cells, using HDAC6 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using HDAC6 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com