

HP1 Alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04199
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HP1 alpha. AA range:58-107
Mol wt	22225
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	HP1alpha Antibody
Synonyms	CBX5; HP1A; Chromobox protein homolog 5; Antigen p25; Heterochromatin protein 1 homolog alpha; HP1 alpha

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

Background

CBX5 encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. Chromobox protein homolog 5 is enriched in the heterochromatin and associated with centromeres. Chromobox protein homolog 5 has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. Chromobox protein homolog 5 is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins. The gene has a pseudogene located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Recommended Dilution

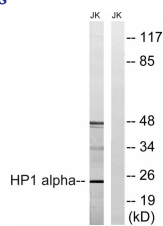
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

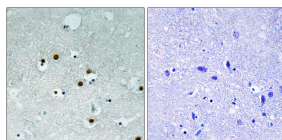
ELISA: 1: 5000

Not yet tested in other applications.

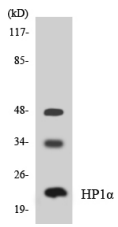
Images



Western blot analysis of lysates from Jurkat cells, treated with insulin 0.01U/ml 15', using HP1 alpha Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using HP1 alpha Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using HP1 α antibody.

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