

Datasheet

CBX3 polyclonal antibody

Catalog Number: PAB15582

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of CBX3.

Immunogen: A synthetic peptide corresponding to human CBX3.

Sequence: WHSCPEDEAQ

Host: Rabbit

Reactivity: Hamster, Human

Applications: IF, IP, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: Western Blot (1:2000-1:10000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 120 mM sodium phosphate buffer, pH 7.4 (50% glycerol)

Storage Instruction: Store at -20°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 11335

Gene Symbol: CBX3

Gene Alias: HECH, HP1-GAMMA, HP1Hs-gamma

Gene Summary: At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to the inner nuclear membrane. The protein encoded by this gene binds DNA and is a component of heterochromatin. This protein also can bind lamin B receptor, an integral

membrane protein found in the inner nuclear membrane. The dual binding functions of the encoded protein may explain the association of heterochromatin with the inner nuclear membrane. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene. [provided by RefSeq]

References:

1. The assembly and maintenance of heterochromatin initiated by transgene repeats are independent of the RNA interference pathway in mammalian cells. Wang F, Koyama N, Nishida H, Haraguchi T, Reith W, Tsukamoto T. Mol Cell Biol. 2006 Jun;26(11):4028-40.
2. The Heterochromatin Protein 1 family. Lomber G, Wallrath L, Urrutia R. Genome Biol. 2006;7(7):228.
3. Interaction of the chromatin compaction-inducing domain (LR domain) of Ki-67 antigen with HP1 proteins. Kametaka A, Takagi M, Hayakawa T, Haraguchi T, Hiraoka Y, Yoneda Y. Genes Cells. 2002 Dec;7(12):1231-42.