

CBX3 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2082a

Product Information

Application	WB, IHC, FC, E
Primary Accession	Q13185
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	6D1C4
Isotype	IgG1
Calculated MW	20811 Da
Description	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. This protein binds histone H3 tails methylated at Lys-9 sites. This protein is also recruited to sites of ultraviolet-induced DNA damage and double-strand breaks. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene.
Immunogen	Purified recombinant fragment of human CBX3 (AA: 1-183) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Other Names	Chromobox protein homolog 3, HECH, Heterochromatin protein 1 homolog gamma, HP1 gamma, Modifier 2 protein, CBX3
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CBX3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

References

1.BMC Cancer. 2013 Mar 23;13:148.2.PLoS One. 2012;7(8):e41401.

Images

