

HP1 γ (phospho-Ser83) rabbit pAb

Catalog_no :	AP1355
Applications :	WB
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100 μ g/50 μ g/20 μ g
Gene_name :	CBX3
Protein_name :	HP1 γ (Ser83)
Humangene_id :	11335
Humanswissprot_no :	Q13185
Mouseswissprot_no :	P23198
Immunogen :	Synthesized phosho peptide around human HP1 γ (Ser83)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat HP1 γ (phospho-Ser83)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	Chromobox protein homolog 3 (HECH) (Heterochromatin protein 1 homolog gamma) (HP1 gamma) (Modifier 2 protein)
Molecular Weight :	24KD
Background :	chromobox 3(CBX3) Homo sapiens 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.[provided by RefSeq, Mar 2011],
