

CAB4283

Product Information

Product SKU:	CAB4283	Gene ID:	11335	Size:	20uL, 100uL
Clone No:	ARC0952	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	22kDa	Conjugate:	Unconjugated
Calculated MW:	21kDa	Isotype:	IgG

Immunogen Information

Background:	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.
Recommended Dilution:	WB:1:500 - 1:1000 IHC-P:1:50 - 1:200
Synonyms:	HECH; HP1-GAMMA; HP1Hs-gamma; HP1 gamma/CBX3
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HP1 gamma/CBX3 (NP_057671.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.