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Product datasheet for AP55787PU-N

HP1 gamma (CBX3) pSer93 Rabbit Polyclonal Antibody

Product data:

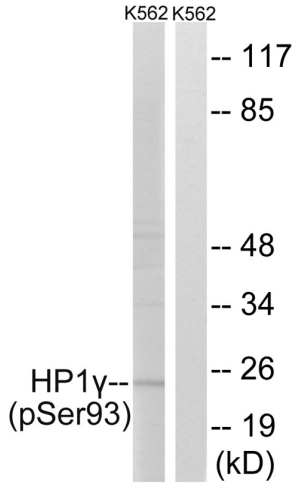
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	**Western blot:** 1:500~1:1000.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of Serine 93(R-L-S(p)-L-S) derived from Human HP1γ (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of HP1γ only when phosphorylated at serine 93.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	24 kDa
Gene Name:	chromobox 3
Database Link:	Entrez Gene 11335 Human Q13185

View online »

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. Two transcript variants encoding the same protein but differing in the 5' UTR, have been found for this gene.

Synonyms: Chromobox protein homolog 3, HECH, HP1 gamma, HP1-gamma, HP1Hs-gamma

Product images:



Western blot analysis of extracts from K562 cells treated with forskolin using HP1? (Phospho-Ser93) Antibody.The lane on the right is treated with the antigen-specific peptide.