

Rabbit anti-Human HP1 gamma phospho Ser93 Polyclonal Antibody | anti-HP1gamma antibody

HP1 gamma phospho Ser93 antibody (pAb)

CATALOG # AAA59908	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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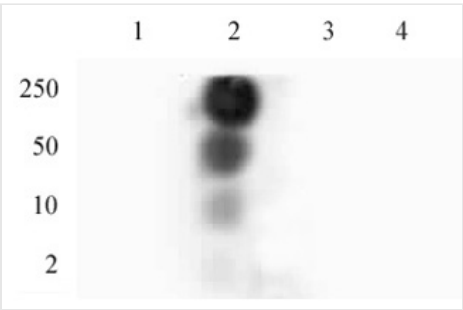
PRODUCT SYNONYMS

HP1 gamma phospho Ser93; Polyclonal Antibody; HP1 gamma phospho Ser93 antibody (pAb); HECH; CBX3; HP1Hs-gamma; anti-HP1gamma antibody

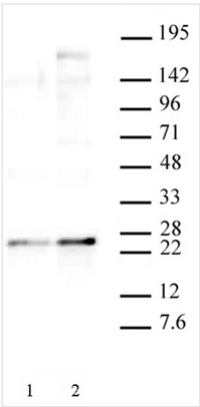
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-HP1gamma antibody	WB (Western Blot)
Conjugation	Phosphorylated
Immunogen	This HP1 gamma phospho Ser93 antibody was raised against a peptide containing phospho Ser93 of human HP1 gamma.
Abs Residue	Ser
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



DB (Dot Blot)
HP1 gamma phospho Ser93 pAb tested by dot blot analysis. Dot blot analysis was used to confirm the specificity of HP1 gamma phospho Ser93 pAb for HP1 gamma phospho Ser93. Phosphorylated peptides corresponding to the immunogen and related peptides were spotted onto PVDF and probed with HP1 gamma phospho Ser93 pAb at 1:5,000. The amount of peptide (picomoles) spotted is indicated next to each row. Lane 1: unmodified HP1 gamma peptide. Lane 2: phospho Ser93 HP1 gamma peptide. Lane 3: phospho Ser92 HP1 alpha peptide. Lane 4: phospho Ser89 HP1 beta peptide.



WB (Western Blot)
HP1 gamma phospho Ser93 pAb tested by Western blot. HeLa nuclear extract (20 ug per lane) was probed with HP1 gamma phospho Ser93 pAb (1:500 dilution). Lane 1: no treatment. Lane 2: cells treated with colcemid.

ADDITIONAL INFORMATION

Related Product Information for anti-HP1gamma antibody	Short Description: Our HP1 gamma phospho Ser93 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot; it has been shown to react with Human samples. Background: Heterochromatin Protein 1 gamma (HP1 gamma) is one of the mammalian homologues of Drosophila HP1, first identified through its role in the maintenance of regions of the genome in a heterochromatic state. HP1 gamma contains a Chromo domain and a Chromo shadow domain. Through the Chromo domain, HP1 proteins are recruited to regions of chromatin that exhibit methylation of lysine 9 of histone H3. Phosphorylation of serine 93 of HP1 gamma increases during mitosis.
Product Categories/Family for anti-HP1gamma antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	15082258
NCBI GeneID	11335
NCBI Accession #	NP_009207 ; AB_2793292
NCBI GenBank Nucleotide #	NM_007276
UniProt Accession #	Q13185 ; Q96CD7 ; Q99409 ; Q9BVS3 ; Q9P0Z6
Molecular Weight	20,811 Da
NCBI Official Full Name	chromobox protein homolog 3
NCBI Official Synonym Full Names	chromobox homolog 3
NCBI Official Symbol	CBX3
NCBI Official Synonym Symbols	HECH; HP1-GAMMA; HP1Hs-gamma
NCBI Protein Information	chromobox protein homolog 3; HP1 gamma homolog; chromobox homolog 3 (HP1 gamma homolog, Drosophila); heterochromatin protein 1 homolog gamma; heterochromatin protein HP1 gamma; heterochromatin-like protein 1; modifier 2 protein
UniProt Protein Name	Chromobox protein homolog 3
UniProt Gene Name	CBX3
UniProt Synonym Gene Names	HP1 gamma

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hp1-gamma-phospho-ser93-antibody-western-blot-elisa/59908>