

Rabbit anti-Human Methyl-HP1 gamma/CBX3-H175 Polyclonal Antibody | anti-Methyl-HP1gamma antibody

Methyl-HP1 gamma/CBX3-H175 Rabbit pAb

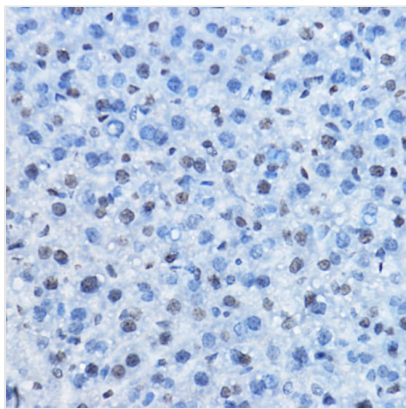
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282292	Rabbit	Human	Immunohistochemistry

PRODUCT SYNONYMS

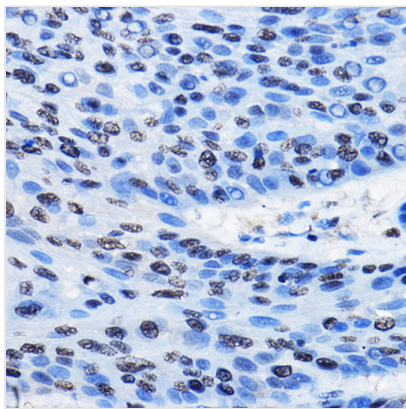
Methyl-HP1 gamma/CBX3-H175; Polyclonal Antibody; Methyl-HP1 gamma/CBX3-H175 Rabbit pAb; CBX3; HECH; HP1-GAMMA; HP1Hs-gamma; chromobox 3; anti-Methyl-HP1gamma antibody

PRODUCT SPECIFICATIONS

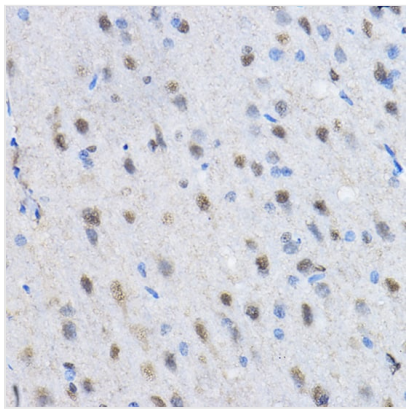
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	KNSAVTSSAR GLEKARQQLQ EELRQVSGQL LEERKKRETH EALARRLQKR VLLLTKERDG MRAILGSYDS ELTPAEYSPQ LTRRMREAED MVQKVHSHSA EMEAQLSQAL EELGGQKQRA DMLEMELKML KSQSSSAEQS FLFSREEADT LRLKVEELEG ERSRLEEEKR MLEAQLERRA LQGDYDQSRT KVLHMSLNPT SVARQRLRED HSQLQAECER LRGLLRAMER GGTVPADLEA AAASLPSSKE VAEKKQVES AELKNQRLKE VFQTKIQEFR KACYTLTGQY IDITTENQYR LTSLYAEHPG DCLIFKATSP SGSKMQLLET EFSHTVGELI EVHLRRQDSI PAFLSSLTLE LFSRQTVA
Applicable Applications for anti-Methyl-HP1gamma antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-183 of human HP1 gamma/CBX3 (NP_009207.2).
Cellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse liver using [KO Validated] HP1 gamma/HP1 gamma/CBX3 Rabbit pAb at dilution of 1:50 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human esophageal cancer using [KO Validated] HP1 gamma/HP1 gamma/CBX3 Rabbit pAb at dilution of 1:50 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat brain using [KO Validated] HP1 gamma/HP1 gamma/CBX3 Rabbit pAb at dilution of 1:50 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-Methyl-HP1gamma antibody	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.
Product Categories/Family for anti-Methyl-HP1gamma antibody	Epigenetics & Nuclear Signaling ; Methylated Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243369
NCBI GeneID	8379
NCBI Accession #	NP_001013858.1
NCBI GenBank Nucleotide #	NM_001013836.1
UniProt Accession #	Q9Y6D9 ; Q13312 ; Q75MI0 ; Q86UM4 ; Q9UNH0

Molecular Weight	83,067 Da
NCBI Official Full Name	mitotic spindle assembly checkpoint protein MAD1
NCBI Official Synonym Full Names	MAD1 mitotic arrest deficient-like 1 (yeast)
NCBI Official Symbol	MAD1L1
NCBI Official Synonym Symbols	MAD1; PIG9; TP53I9; TXBP181
NCBI Protein Information	mitotic spindle assembly checkpoint protein MAD1; MAD1-like protein 1; tax-binding protein 181; tumor protein p53 inducible protein 9; mitotic checkpoint MAD1 protein homolog; mitotic arrest deficient 1-like protein 1; mitotic-arrest deficient 1, yeast, h
UniProt Protein Name	Mitotic spindle assembly checkpoint protein MAD1
UniProt Gene Name	MAD1L1
UniProt Synonym Gene Names	MAD1; TXBP181; MAD1-like protein 1; HsMAD1; hMAD1
UniProt Entry Name	MD1L1_HUMAN

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/methyl-hp1-gamma-cbx3-h175-antibody-immunohistochemistry-elisa/282292>