

Rabbit anti-Human, Mouse CBX3 Polyclonal Antibody | anti-CBX3 antibody

Rabbit anti-CBX3 Antibody, Affinity Purified

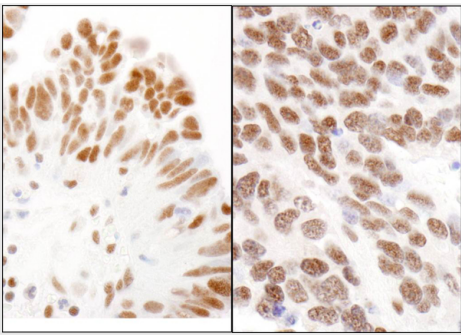
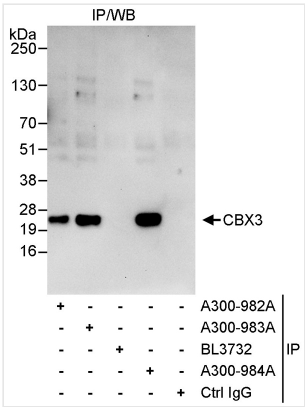
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211261	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

CBX3; Polyclonal Antibody; Rabbit anti-CBX3 Antibody; Affinity Purified; heterochromatin protein HP1 gamma; modifier 2 protein; HP1Hs-gamma; HP1-GAMMA; HP1 gamma homolog; heterochromatin-like protein 1; heterochromatin protein 1 homolog gamma; HECH; chromobox protein homolog 3; chromobox homolog 3 (HP1 gamma homolog; Drosophila); HP1 gamma; Chromobox protein homolog 3; chromobox 3; anti-CBX3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CBX3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Orangutan
Immunogen	Between 133 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



IHC (Immunohistochemistry)
Detection of human and mouse CBX3 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma (left) and mouse teratoma (right). Antibody: Affinity purified rabbit anti-CBX3 (Cat. No. AAA211261 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

IP (Immunoprecipitation)
Detection of human CBX3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-CBX3 antibody AAA211261 used for IP at 3 ug/mg lysate. CBX3 was also immunoprecipitated by rabbit anti-CBX3 antibodies and which recognize upstream epitopes. For blotting immunoprecipitated CBX3, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CBX3 antibody	CBX3 (chromobox protein homolog 3), also known as HP1gamma (heterochromatin protein 1 homolog gamma), is one of 3 isoforms of HP1 that binds heterochromatin and functions as a structural adaptor to stabilize and organize macromolecular complexes with nucleosomes for higher chromatin structure. All of the HP1 isoforms possess a chromodomain and chromoshadow domain and associate with methylated histones that mediate transcriptional repression.
Product Categories/Family for anti-CBX3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	15082258
NCBI GeneID	11335
NCBI Accession #	NP_009207.2
NCBI GenBank Nucleotide #	NM_007276.4
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; modifier 2 protein; heterochromatin-like protein 1; heterochromatin protein HP1 gamma; heterochromatin protein 1 homolog gamma; chromobox homolog 3 (HP1 gamma homolog, Drosophila)
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/cbx3-antibody-immunohistochemistry-immunoprecipitation-elisa/211261>