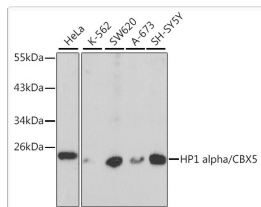
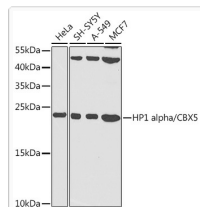


Anti-CBX5 antibody (1-191) (STJ22922)

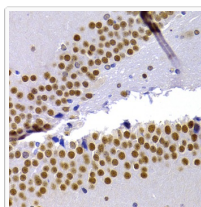
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA/ChIP
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: 22kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
TARGET INFORMATION	
Gene ID	23468
Gene Symbol	CBX5
UniProt ID	CBX5_HUMAN
Immunogen Region	1-191
Immunogen Sequence	MGKKTkRTADSSSEDEEEY VVEKVLDRRVVGQVEYLLK WKGFSEEHNTWEPEKNLDCP ELISEFMKKYKMKKEGENNK PREKSESNKRKSNFSNSADD IKSKKKREQSNDIARGFERG LEPEKIIGATDSCGDLMLFM KWKDTDEADLVLAKEANVKC PQIVIAFYEEERLTWHAYPED AENKEKETAKS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-191 of human HP1 alpha/HP1 alpha/CBX5 (NP_001120794.1).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



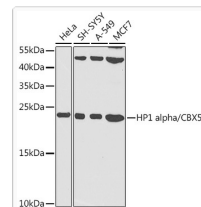
Western blot analysis of various lysates using HP1 alpha/CBX5 Rabbit pAb (STJ22922) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit
Exposure time: 90s.



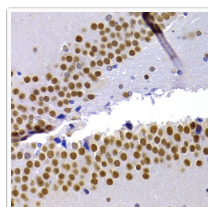
Immunohistochemistry analysis of paraffin-embedded Rat hippocampus using HP1 alpha/CBX5 Rabbit pAb (STJ22922) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.



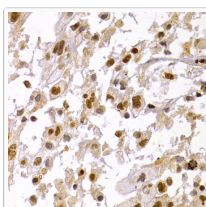
Immunohistochemistry analysis of paraffin-embedded Human brain astrocytoma using HP1 alpha/CBX5 Rabbit pAb (STJ22922) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.



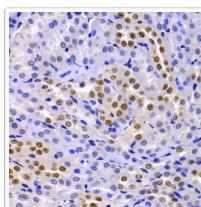
Western blot analysis of various lysates using HP1 alpha/CBX5 Rabbit pAb (STJ22922) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit
Exposure time: 90s.



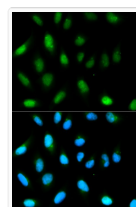
Immunohistochemistry analysis of paraffin-embedded Rat hippocampus using HP1 alpha/CBX5 Rabbit pAb (STJ22922) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.



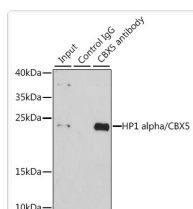
Immunohistochemistry analysis of paraffin-embedded Human brain astrocytoma using HP1 alpha/CBX5 Rabbit pAb (STJ22922) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using HP1 alpha/CBX5 Rabbit pAb (STJ22922) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.



Immunofluorescence analysis of HeLa cells using HP1 alpha/CBX5 Rabbit pAb (STJ22922). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 Mu g extracts of HeLa cells using 1 Mu g HP1 alpha/HP1 alpha/CBX5 antibody (STJ22922). Western blot was performed from the immunoprecipitate using HP1 alpha/HP1 alpha/CBX5 antibody (STJ22922) at a dilution of 1:1000.