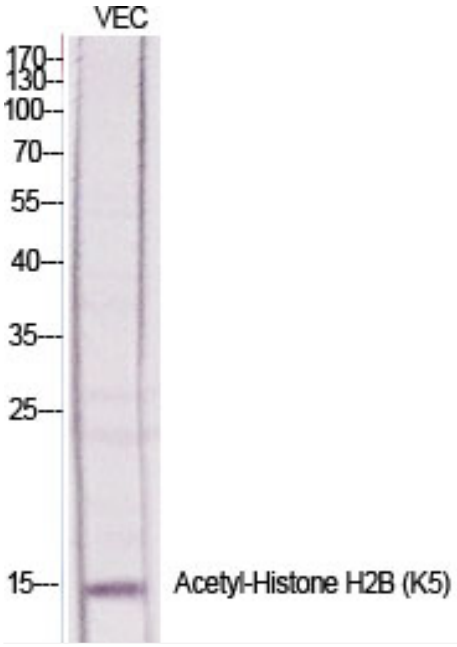
Histone H2B (Acetyl Lys5) Polyclonal Antibody

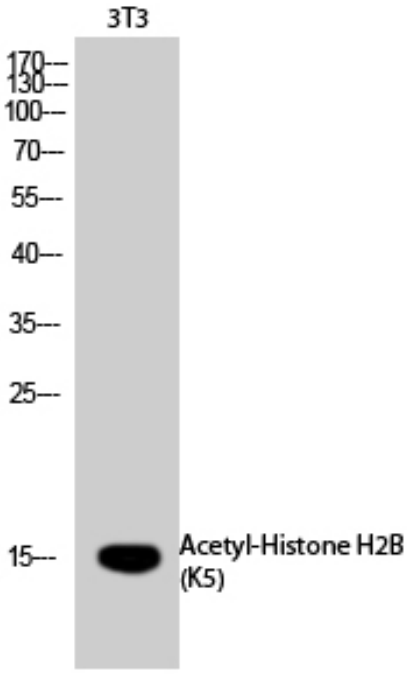
Catalog No	BYab-17315
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	H2BFS
Protein Name	Histone H2B type F-S
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H2B around the acetylated site of Lys5. AA range:1-50
Specificity	Acetyl-Histone H2B (K5) Polyclonal Antibody detects endogenous levels of Histone H2B protein only when acetylated at K5.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	H2BFS; Histone H2B type F-S; Histone H2B.s; H2B/s;H2BK5AC
Observed Band	18kD
Cell Pathway	Nucleus. Chromosome.
Tissue Specificity	
Function	DNA packaging, chromatin organization, chromatin assembly or disassembly, nucleosome assembly, defense response, response to bacterium, chromatin assembly, cellular macromolecular complex subunit organization, cellular macromolecular complex assembly, nucleosome organization, defense response to bacterium, macromolecular complex subunit organization, chromosome organization, macromolecular complex assembly, protein-DNA complex assembly,
Background	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of

	approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H2B family. Transcripts from this gene contain a palindromic termination element.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

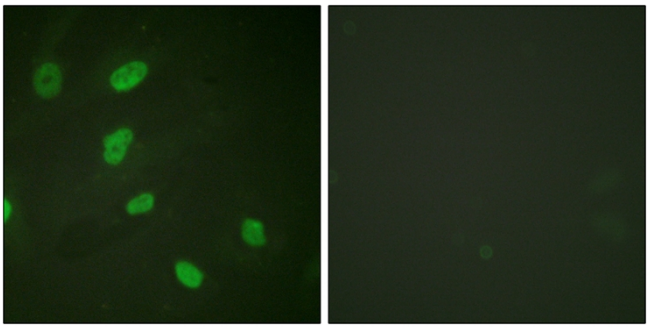
Products Images



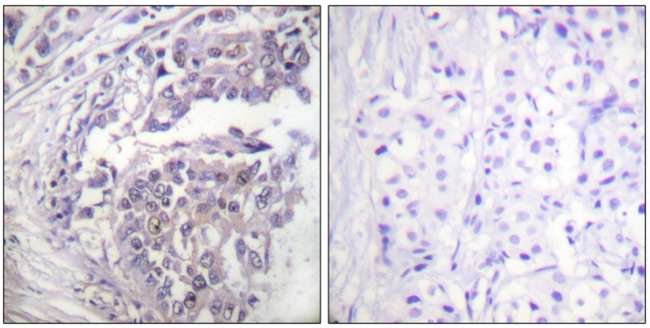
Western Blot analysis of various cells using Acetyl-Histone H2B (K5) Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of 3T3 cells using Acetyl-Histone H2B (K5) Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunofluorescence analysis of HeLa cells, using Histone H2B (Acetyl-Lys5) Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Histone H2B (Acetyl-Lys5) Antibody. The picture on the right is blocked with the synthesized peptide.