

# Immunotag™ Histone H2B (Acetyl Lys15) Polyclonal Antibody

Antibody Specification	
Catalog No.	ITK0005
Product Description	Immunotag™ Histone H2B (Acetyl Lys15) Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Histone H2B (Lys15)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human Histone H2B around the acetylated site of Lys15. AA range:1-50
Specificity	Acetyl-Histone H2B (K15) Polyclonal Antibody detects endogenous levels of Histone H2B protein only when acetylated at K15.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	H2BFS
Accession No.	P57053
Alternate Names	H2BFS; Histone H2B type F-S; Histone H2B.s; H2B/s

## Antibody Specification

Description	H2BFS (H2B Histone Family Member S (Pseudogene)) is a Pseudogene. Diseases associated with H2BFS include endometrial stromal sarcoma. Among its related pathways are Packaging Of Telomere Ends. GO annotations related to this gene include sequence-specific DNA binding and protein heterodimerization activity. An important paralog of this gene is HIST1H2BH.
Cell Pathway/ Category	Protein_Acetylation
Subcellular Localization	nuclear nucleosome,extracellular space,nucleus,nucleoplasm,cytoplasm,
Protein 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,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.