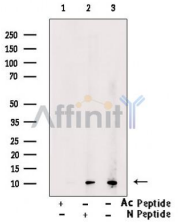
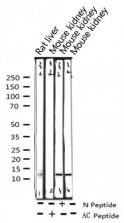
Acetyl-Histone H4 (Lys5) Ab

Cat.#: AF3355	Concn.: 1mg/ml	Mol.Wt.: 11kDa
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

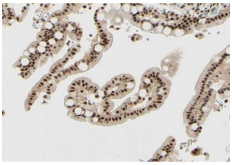
Application:	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Reactivity:	Human,Mouse,Rat
Purification:	Immunogen affinity purified.
Specificity:	Acetyl-Histone H4 (Lys5) Ab detects endogenous levels of Acetyl-Histone H4 only when phosphorylated at Lys5.
Immunogen:	A synthesized peptide derived from human Acetyl-Histone H4 around the phosphorylation site of Lys5.
Uniprot:	P62805
Description:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes.
Subcellular Location:	Nucleus. Chromosome.
Similarity:	Belongs to the histone H4 family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of extracts from rat liver tissue, using Acetyl-Histone H4 (Lys5) Ab.
Lane1 was treated with Ac-blocking peptide.
Lane2 was treated with Non-Ac-blocking peptide.



Western blot analysis of extracts from rat liver tissue, using Acetyl-Histone H4 (Lys5) Ab.
Lane1:rat liver,
Lane2:mouse kidney treated with Ac-blocking peptide,
Lane3:mouse kidney treated with non-Ac-blocking peptide,
Lane4:mouse kidney.



AF3355 at 1/200 staining human colon cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.

AF3355 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.