

Anti-Histone H3 (acetyl K27) Rabbit Monoclonal Antibody

Catalog # ABO16068

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P68431/P84243/Q16695/Q6NXT2/Q71DI3
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Histone H3 (acetyl K27) Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, ChIP applications. This antibody reacts with Human, Mouse, Rat.

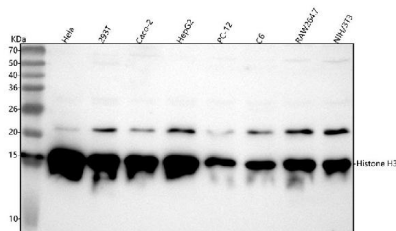
Additional Information

Calculated MW	17 KDa
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 ChIP 1:50
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 26H47
Immunogen	A synthesized peptide derived from Histone H3 (acetyl K27)
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Images

Figure 1. Western blot analysis of Histone H3 using anti-Histone H3 antibody (M12477-15). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.



Lane 1: human Hela whole cell lysates,
 Lane 2: human 293T whole cell lysates,
 Lane 3: human CACO-2 whole cell lysates,
 Lane 4: human HepG2 whole cell lysates,
 Lane 5: rat PC-12 whole cell lysates,
 Lane 6: rat C6 whole cell lysates,
 Lane 7: mouse RAW264.7 whole cell lysates,
 Lane 8: mouse NIH/3T3 whole cell lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Histone H3 antigen affinity purified monoclonal antibody (Catalog # M12477-15) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for Histone H3 at approximately 15 kDa. The expected band size for Histone H3 is at 15 kDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.