



HMG-1 (Acetyl Lys12) Polyclonal Antibody

Cat #: ABP50136

Size: 30µl /100µl /200µl

Product Information

	Product Name: HMG-1 (Acetyl Lys12) Polyclonal Antibody		
	Applications: WB, IHC-P, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP50136	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: HMGB1 encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. High mobility group box 1 plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of HMGB1 have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

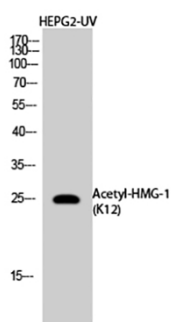


Fig.1. Western Blot analysis of NIH-3T3, HepG2-UV cells using Acetyl-HMG-1 (K12) Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary Antibody was diluted at 1:20000.

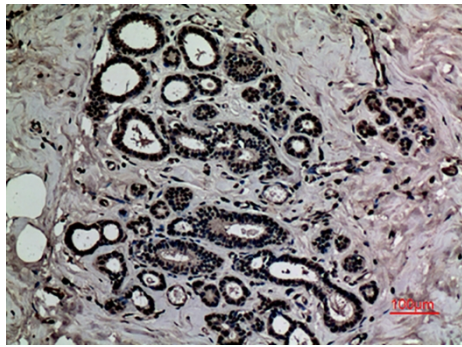


Fig.2. Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100.

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