

Product Name: HMG-1 (Acetyl Lys12) Rabbit Polyclonal Antibody
Catalog #: APRab06217

Summary

Production Name	HMG-1 (Acetyl Lys12) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Acetyl Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	HMGB1
Alternative Names	HMGB1; HMG1; High mobility group protein B1; High mobility group protein 1; HMG-1
Gene ID	3146.0
SwissProt ID	P09429.Synthesized acetyl-peptide derived from the N-terminal region of human HMG-1 around the acetylation site of K12.

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC-p: 1:100-300 ELISA: 1:10000..
Molecular Weight	about 30kd

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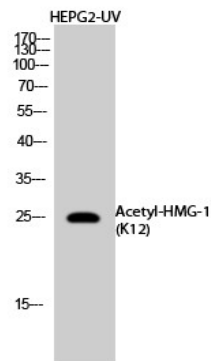
Background

This gene 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. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2015],function:Binds preferentially single-stranded DNA and unwinds double stranded DNA.,similarity:Belongs to the HMGB family.,similarity:Contains 2 HMG box DNA-binding domains.,

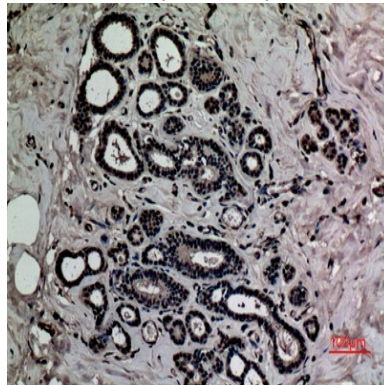
Research Area

Base excision repair;

Image Data

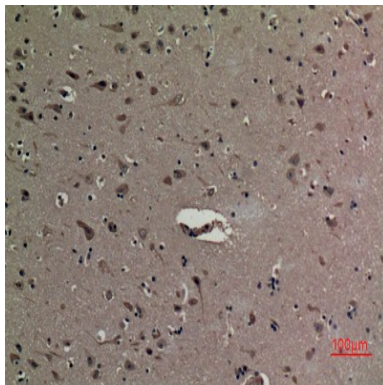


Western Blot analysis of HepG2 cells treated with UV using Acetyl-HMG-1 (K12) Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

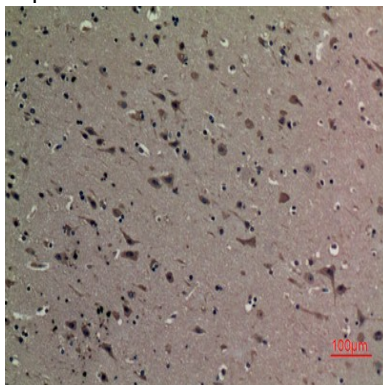


Immunohistochemical analysis of paraffin-embedded human-breast, antibody was diluted at 1:100

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Note

For research use only.