

HMG-1 (Acetyl Lys3) rabbit pAb

Cat No.:ES20101

For research use only

Overview

Product Name	HMG-1 (Acetyl Lys3) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human HMG-1 (Acetyl Lys3)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat HMG-1 (Acetyl Lys3)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	HMG-1 (Acetyl Lys3)
Gene Name	HMGB1 HMG1
Cellular localization	Nucleus . Chromosome . Cytoplasm . Secreted . Cell membrane ; Peripheral membrane protein ; Extracellular side . Endosome . Endoplasmic reticulum-Golgi intermediate compartment . In basal state predominantly nuclear. Shuttles between the cytoplasm and the nucleus (PubMed:12231511, PubMed:17114460). Translocates from the nucleus to the cytoplasm upon autophagy stimulation (PubMed:20819940). Release from macrophages in the extracellular milieu requires the activation of NLRC4 or NLRP3 inflammasomes (By similarity). Passively released to the extracellular milieu from necrotic cells by diffusion, involving the fully reduced HGMB1 which subsequently gets oxidized (PubMed:19811284). Also released from apoptotic cells (PubMed:16855214, PubMed:18631454). Active secretion from a variety of immune a
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using





ELK Biotechnology

Clonality

epitope-specific immunogen.

Concentration

Polyclonal

Observed band

1 mg/ml

Human Gene ID

about 30kd

Human Swiss-Prot Number

3146

Alternative Names

P09429

High mobility group protein B1 (High mobility group protein 1;HMG-1)

Background

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.,



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C.