

HMGB1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17386b

Product Information

Application	WB, E
Primary Accession	P09429
Other Accession	P63159 , P12682 , P63158 , Q4R844 , P07156 , P10103 , NP_002119.1
Reactivity	Human
Predicted	Bovine, Hamster, Monkey, Mouse, Pig, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34620
Antigen Region	152-180

Additional Information

Other Names	High mobility group protein B1, High mobility group protein 1, HMG-1, HMGB1, HMG1
Target/Specificity	This HMGB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 152-180 amino acids from the C-terminal region of human HMGB1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HMGB1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS). Heparin-binding protein that has a role in the extension of neurite-type cytoplasmic

processes in developing cells (By similarity).

References

Yujiri, T., et al. Eur. J. Haematol. 85(4):366-367(2010)

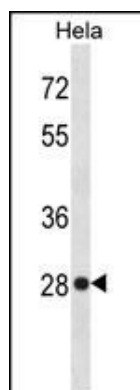
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He, X.C., et al. Zhonghua Gan Zang Bing Za Zhi 18(5):361-365(2010)

Bao, G., et al. World J Surg Oncol 8 (1), 52 (2010) :

Naumnik, W., et al. Folia Histochem. Cytobiol. 47(4):703-709(2009)

Images



HMGB1 Antibody (C-term) (Cat. #AP17386b) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the HMGB1 antibody detected the HMGB1 protein (arrow).

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