

Datasheet for ABIN1536741
anti-HMGB1 antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	HMGB1
Binding Specificity:	AA 152-180, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	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.
Clone:	RB34620
Isotype:	Ig Fraction
Predicted Reactivity:	B, Ha, Hs, Pr, M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HMGB1
Alternative Name:	HMGB1 (HMGB1 Products)

Target Details

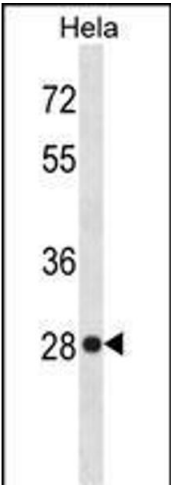
Background:	DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS). Heparin-binding protein that has a role in the extension of neurite-type cytoplasmic processes in developing cells (By similarity).
Molecular Weight:	24894
Gene ID:	3146
NCBI Accession:	NP_002119
UniProt:	P09429
Pathways:	p53 Signaling , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Toll-Like Receptors Cascades , Smooth Muscle Cell Migration , Inflammasome

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	HMGB1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. HMGB1 Antibody (C-term) (ABIN1536741 and ABIN2849007) western blot analysis in HeLa cell line lysates (35 µg/lane). This demonstrates the HMGB1 antibody detected the HMGB1 protein (arrow).