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Datasheet for ABIN6262298
anti-HMGN1 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	HMGN1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human HMG14, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	HMG14 Antibody detects endogenous levels of total HMG14.
Predicted Reactivity:	Pig,Bovine,Horse,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	HMGN1
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Target Details

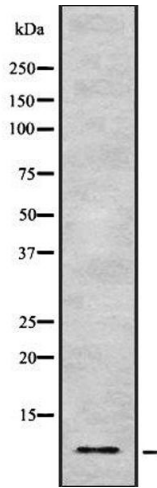
Alternative Name:	HMGN1 (HMGN1 Products)
Background:	Description: Binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. May be involved in the process which maintains transcribable genes in a unique chromatin conformation. Inhibits the phosphorylation of nucleosomal histones H3 and H2A by RPS6KA5/MSK1 and RPS6KA3/RSK2 (By similarity). Gene: HMGN1
Molecular Weight:	10 kDa
Gene ID:	3150
UniProt:	P05114
Pathways:	Chromatin Binding

Application Details

Application Notes:	WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of HMG14 using Jurkat whole cell lysates