Datasheet for ABIN7304164

anti-HMGB1 antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	HMGB1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Monkey, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human HMGB1.
Specificity:	Recognizes endogenous levels of HMGB1 protein.
Characteristics:	Rabbit polyclonal antibody to HMGB1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	HMGB1
Alternative Name:	HMGB1 (HMGB1 Products)
Background:	HMG1, High mobility group protein B1, High mobility group protein 1, HMG-1

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Target Details

Gene ID:	3146, 100862258, 15289
UniProt:	P09429, P63158, P63159
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 (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

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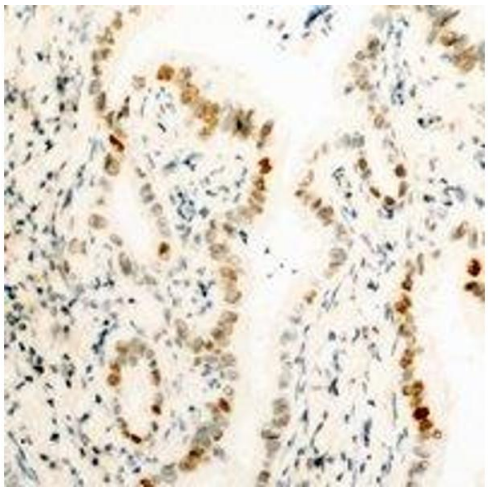
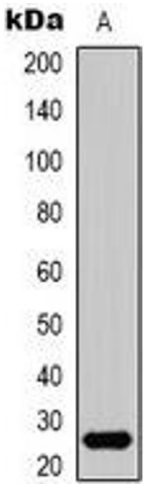


Immunohistochemistry

Image 1. Immunohistochemical analysis of HMGB1 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the



Western Blotting

Image 2. Western blot analysis of HMGB1 expression in HepG2 UV-treated (A) whole cell lysates.

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