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Datasheet for ABIN7256304 anti-HMGA1 antibody

3 Images



Overview

Quantity:	200 µL
Target:	HMGA1
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide of human HMGA1 (NP_665908.1).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	HMGA1
Alternative Name:	HMGA1 (HMGA1 Products)
Background:	This gene encodes a chromatin-associated protein involved in the regulation of gene
	transcription, integration of retroviruses into chromosomes, and the metastatic progression of
	cancer cells. The encoded protein preferentially binds to the minor groove of AT-rich regions in
	double-stranded DNA. Multiple transcript variants encoding different isoforms have been found

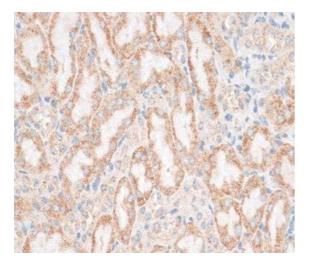
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Target Details

	for this gene. Pseudogenes of this gene have been identified on multiple chromosomes.
Molecular Weight:	Observed_MW: 16 kDa Calculated_MW: 10 kDa/11 kDa/19 kDa
Gene ID:	3159
UniProt:	P17096
Pathways:	Nuclear Hormone Receptor Binding, Autophagy

Application Details

Application Notes:	WB 1:1000-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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. Avoid freeze / thaw cycles.



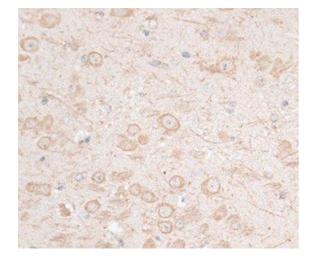
70kDa — 55kDa — 40kDa — 25kDa — 25kDa — 15kDa — 10kDa —

Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Mouse kidney using HMGA1 Polyclonal Antibody at dilution of 1:100 (40x lens).

Western Blotting

Image 2. Western blot analysis of extracts of Rat kidney using HMGA1 Polyclonal Antibody at dilution of 1:3000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Mouse brain using HMGA1 Polyclonal Antibody at dilution of 1:100 (40x lens).

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