

Datasheet for ABIN7003244

anti-HMGA1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	20 µL
Target:	HMGA1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human HMGA1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	HMGA1
Alternative Name:	HMGA1 (HMGA1 Products)
Background:	This gene encodes a non-histone protein involved in many cellular processes, including regulation of inducible gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of A+T-rich regions in double-stranded DNA. It has little secondary structure in

Target Details

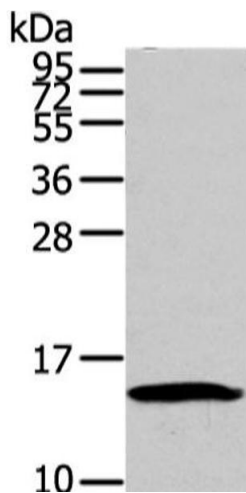
	solution but assumes distinct conformations when bound to substrates such as DNA or other proteins.
Molecular Weight:	12(20) kDa
NCBI Accession:	NP_002122
UniProt:	P17096
Pathways:	Nuclear Hormone Receptor Binding, Autophagy

Application Details

Application Notes:	WB 1:500-2000, ELISA 1:2000-5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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.



Western Blotting

Image 1. Western Blot analysis of HT-29 cell using HMGA1 Polyclonal Antibody at dilution of 1/250