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## Datasheet for ABIN6261795 anti-FOXM1 antibody (N-Term)

3 Images



## Overview

Quantity:	100 µL
Target:	FOXM1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human FOXM1, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	FOXM1 Antibody detects endogenous levels of total FOXM1.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:

FOXM1

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Target Details	
Alternative Name:	FOXM1 (FOXM1 Products)
Background:	Description: Transcriptional factor regulating the expression of cell cycle genes essential for DNA replication and mitosis. Plays a role in the control of cell proliferation. Plays also a role in DNA breaks repair participating in the DNA damage checkpoint response. Gene: FOXM1
Molecular Weight:	83kDa
Gene ID:	2305
UniProt:	Q08050
Pathways:	Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, 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

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### Western Blotting

**Image 1.** Western blot analysis of extracts from 3T3, using FOXM1 Antibody. The lane on the left was treated with blocking peptide.

### Western Blotting

**Image 2.** Western blot analysis of Mouse spleen lysate, using FOXM1 Antibody. The lane on the left is treated with the antigen-specific peptide.



#### Immunohistochemistry

**Image 3.** ABIN6277221 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at  $22_i$ aC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

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