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Datasheet for ABIN6243228  
**anti-HMGA2 antibody (N-Term)**

3 Images

Overview

Quantity:	400 µL
Target:	HMGA2
Binding Specificity:	AA 26-59, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Hmga2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 26-59 amino acids from the N-terminal region of Mouse Hmga2.
Clone:	RB51072
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HMGA2
Alternative Name:	Hmga2 ( <a href="#">HMGA2 Products</a> )
Background:	Functions as a transcriptional regulator. Functions in cell cycle regulation through CCNA2.

## Target Details

Plays an important role in chromosome condensation during the meiotic G2/M transition of spermatocytes.

Molecular Weight: 11819

UniProt: [P52927](#)

Pathways: [Positive Regulation of Response to DNA Damage Stimulus](#)

## Application Details

Application Notes: WB: 1:1000. WB: 1:1000. WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

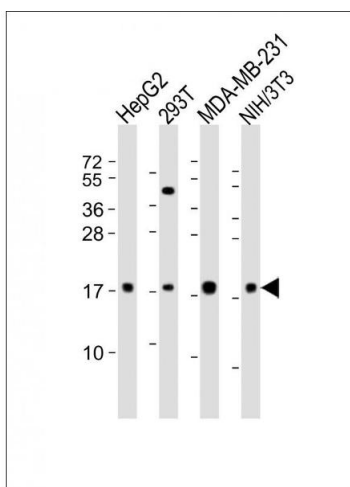
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

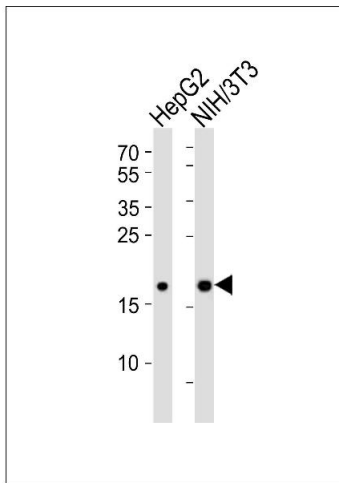
Expiry Date: 6 months

## Images



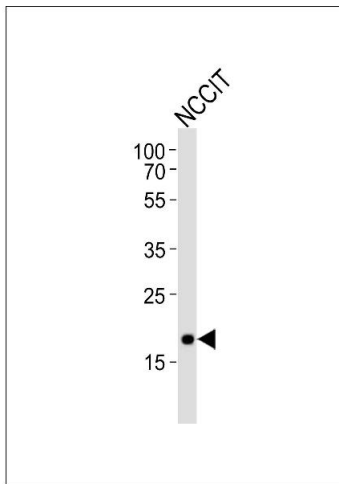
### Western Blotting

**Image 1.** All lanes : Anti-Hmga2 Antibody (N-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysates Lane 2: 293T whole cell lysates Lane 3: MDA-MB-231 whole cell lysates Lane 4: NIH/3T3 whole cell lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.



### Western Blotting

**Image 2.** Western blot analysis of lysates from HepG2, mouse NIH/3T3 cell line (from left to right), using Mouse Hmga2 Antibody (N-term) (ABIN6243228 and ABIN6577800). (ABIN6243228 and ABIN6577800) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.



### Western Blotting

**Image 3.** Western blot analysis of lysate from NCCIT cell line, using Mouse Hmga2 Antibody (N-term) (ABIN6243228 and ABIN6577800). (ABIN6243228 and ABIN6577800) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.