

Datasheet for ABIN3028702 **anti-HMGA2 antibody (C-Term)**



[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	HMGA2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	This Hmga2 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 72-105 amino acids from the C-terminal region of mouse Hmga2.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	HMGA2
Alternative Name:	Hmga2 (HMGA2 Products)
Background:	Functions as a transcriptional regulator. Functions in cell cycle regulation through CCNA2. Plays an important role in chromosome condensation during the meiotic G2/M transition of spermatocytes.

Target Details

UniProt: [P52927](#)

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

Application Details

Application Notes: Titration of the Hmga2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Immunofluorescence: 1:25,Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

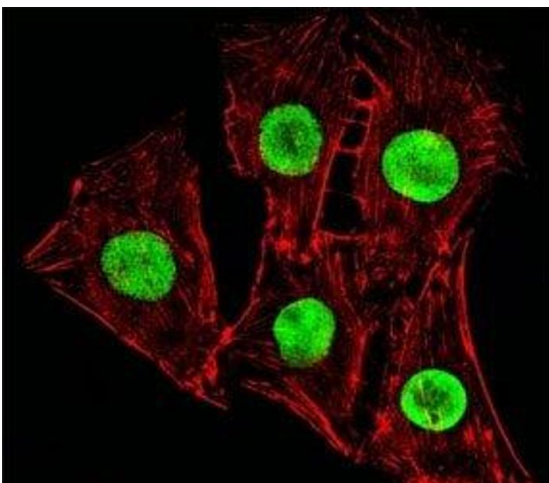
Preservative: Sodium azide

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

Storage: -20 °C

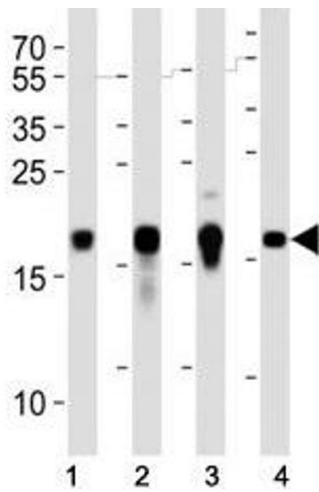
Storage Comment: Aliquot the Hmga2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



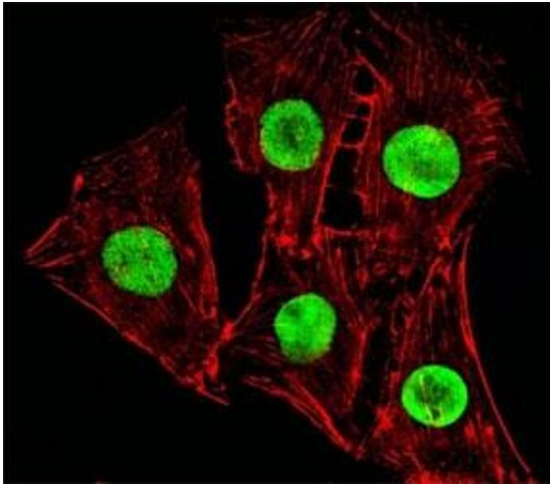
Immunofluorescence

Image 1. Fluorescent image of C2C12 cells stained with Hmga2 antibody at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary Ab (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (re



Western Blotting

Image 2. Western blot analysis of lysate from human (2) HepG2, (2) NCCIT and mouse (3) NIH3T3, (4) F9 cell lines using Hmga2 antibody at 1:1000.



Immunofluorescence

Image 3. Fluorescent image of C2C12 cells stained with Hmga2 antibody at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary Ab (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).