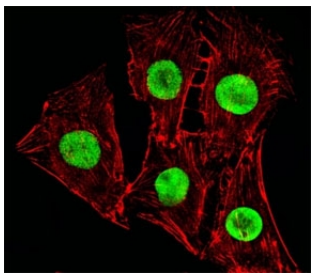
Hmga2 Antibody (F52848)

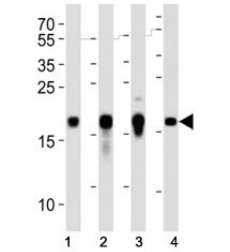
Catalog No.	Formulation	Size
F52848-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52848-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P52927
Applications	Immunofluorescence: 1:25 Western blot: 1:1000
Limitations	This Hmga2 antibody is available for research use only.



Fluorescent image of C2C12cells 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).



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. Predicted molecular weight ~12kDa but routinely observed at ~18kDa.

Description

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.

Application Notes

Titration of the Hmga2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

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.

Storage

Aliquot the Hmga2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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