

Anti-HMGN1 Antibody

Catalog Number: A03051

About HMGN1

Transcriptional repressor that binds to the promoter region of target genes. Plays a role in the regulation of the cell cycle and of the Wnt pathway. Binds preferentially to the sequence 5'-TTCATTCATTCA-3'. Binding to the H1FO promoter is enhanced by interaction with RB1. Disrupts the interaction between DNA and TCF4.

Lemerrier C., Mol. Cell. Biol. 20:6627-6637(2000).

Hillier L.W., Nature 424:157-164(2003).

Ota T., Nat. Genet. 36:40-45(2004).

Overview

Product Name	Anti-HMGN1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HMGN1 Antibody catalog # A03051. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P05114

Technical Details

Immunogen	A synthetic peptide corresponding to residues in Human HMGN1.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

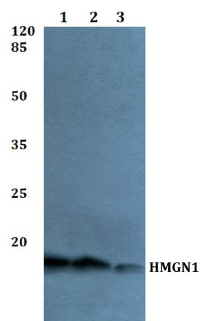
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB: 1:500-1:1000

Anti-HMGN1 Antibody (A03051) Images



Western blot (WB) analysis of HMGN1 polyclonal antibody at 1:500 dilution
Lane1:Hela whole cell lysate
Lane2:NIH-3T3 whole cell lysate
Lane3:H9C2 whole cell lysate

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