BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-RNF20 Antibody

Catalog Number: M03457-2

About RNF20

Component of the RNF20/40 E3 ubiquitin-protein ligase complex that mediates monoubiquitination of 'Lys-120' of histone H2B (H2BK120ub1). H2BK120ub1 gives a specific tag for epigenetic transcriptional activation and is also prerequisite for histone H3 'Lys-4' and 'Lys-79' methylation (H3K4me and H3K79me, respectively). It thereby plays a central role inb histone code and gene regulation. The RNF20/40 complex forms a H2B ubiquitin ligase complex in cooperation with the E2 enzyme UBE2A or UBE2B; reports about the cooperation with UBE2E1/UBCH are contradictory. Required for transcriptional activation of Hox genes. Recruited to the MDM2 promoter, probably by being recruited by p53/TP53, and thereby acts as a transcriptional coactivator. Mediates the polyubiquitination of isoform 2 of PA2G4 in cancer cells leading to its proteasome-mediated degradation.

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Overview

Product Name	Anti-RNF20 Antibody
Reactive Species	Human
Description	Boster Bio Anti-RNF20 Antibody (Catalog # M03457-2). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 1594CT552.128.36
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q5VTR2

Technical Details

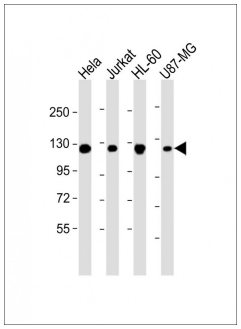
Immunogen	This RNF20 antibody is generated from a mouse immunized with a recombinant protein of human RNF20.

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Predicted Reactive Species	Human
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:2000

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Anti-RNF20 Antibody (M03457-2) Images



All lanes : Anti-RNF20 Antibody at 1:2000 dilutionLane 1: Hela whole cell lysateLane 2: Jurkat whole cell lysateLane 3: HL-60 whole cell lysateLane 4: U87-MG whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 114 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-RNF20 Antibody

For Research Use Only. Not for use in diagnostic procedures.