

Anti-RNF4 Antibody

Catalog Number: M02875

About RNF4

E3 ubiquitin-protein ligase which binds polysumoylated chains covalently attached to proteins and mediates 'Lys-6'-, 'Lys-11'-, 'Lys-48'- and 'Lys-63'-linked polyubiquitination of those substrates and their subsequent targeting to the proteasome for degradation. Regulates the degradation of several proteins including PML and the transcriptional activator PEA3. Involved in chromosome alignment and spindle assembly, it regulates the kinetochore CENPH-CENPI-CENPK complex by targeting polysumoylated CENPI to proteasomal degradation. Regulates the cellular responses to hypoxia and heat shock through degradation of respectively EPAS1 and PARP1. Alternatively, it may also bind DNA/nucleosomes and have a more direct role in the regulation of transcription for instance enhancing basal transcription and steroid receptor- mediated transcriptional activation.

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Overview

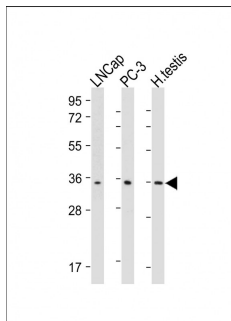
Product Name	Anti-RNF4 Antibody
Reactive Species	Human
Description	Boster Bio Anti-RNF4 Antibody (Catalog # M02875). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 2055CT191.101.249
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (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	P78317

Technical Details

Immunogen	This RNF4 antibody is generated from a mouse immunized with a recombinant protein from the human region of human RNF4.
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

Anti-RNF4 Antibody (M02875) Images



All lanes : Anti-RNF4 Antibody at 1:2000 dilution
Lane 1: LNCap whole cell lysate
Lane 2: PC-3 whole cell lysate
Lane 3: Human testis tissue lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

Anti-RNF4 Antibody

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