

Product Datasheet

RNF2 Antibody (6C2) - Azide and BSA Free H00006045-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00006045-M01

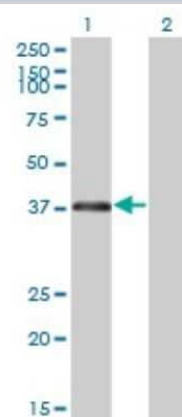
RNF2 Antibody (6C2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6C2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6045
Gene Symbol	RNF2
Species	Human, Mouse, Insect
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	RNF2 - ring finger protein 2
Immunogen	RNF2 (NP_009143, 192 a.a. ~ 290 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PSNKRTKTSDDSGLELDNNNAAMAIDPVMGASEIELVFRPHPTLMEKDDSAQ TRYIKTSGNATVDHLSKYLAVRLALEELRSKGESNQMNLDTASEKQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has been used for RNAi Validation and ELISA.

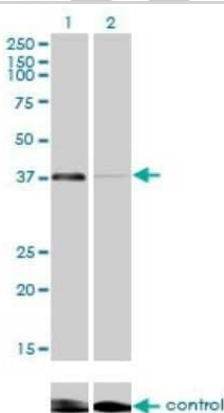


Images

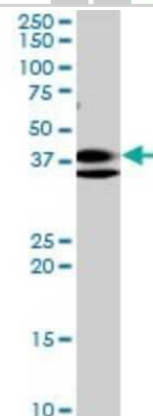
Western Blot: RNF2 Antibody (6C2) [H00006045-M01] - Analysis of RNF2 expression in transfected 293T cell line by RNF2 monoclonal antibody (M01), clone 6C2. Lane 1: RNF2 transfected lysate(37.7 KDa). Lane 2: Non-transfected lysate.



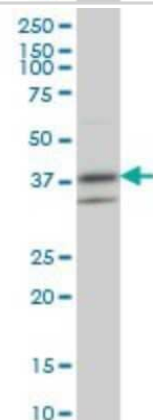
Western Blot: RNF2 Antibody (6C2) [H00006045-M01] - Analysis of RNF2 over-expressed 293 cell line, cotransfected with RNF2 Validated Chimera RNAi (Cat # H00006045-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with RNF2 monoclonal antibody (M01), clone 6C2 (Cat # H00006045-M01). GAPDH (36.1 kDa) used as specificity and loading control.



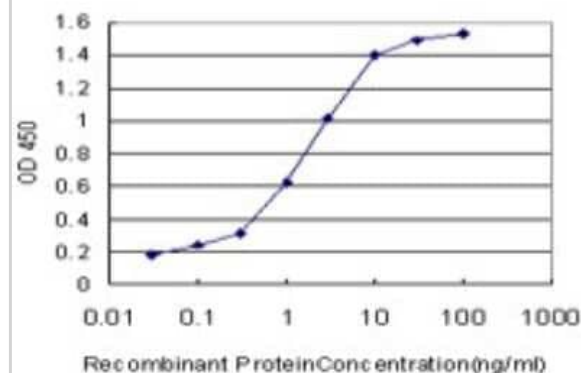
Western Blot: RNF2 Antibody (6C2) [H00006045-M01] - RNF2 monoclonal antibody (M01), clone 6C2. Analysis of RNF2 expression in Raw 264.7.



Western Blot: RNF2 Antibody (6C2) [H00006045-M01] - RNF2 monoclonal antibody (M01), clone 6C2 Analysis of RNF2 expression in NIH/3T3.



Sandwich ELISA: RNF2 Antibody (6C2) [H00006045-M01] - Detection limit for recombinant GST tagged RNF2 is approximately 0.03ng/ml as a capture antibody.



Publications

Yasunaga S, Ohtsubo M, Ohno Y et al. Scmh1 Has E3 Ubiquitin Ligase Activity for Geminin and Histone H2A and Regulates Geminin Stability Directly or Indirectly via Transcriptional Repression of Hoxa9 and Hoxb4. *Mol Cell Biol*. 2012-12-03 [PMID: 23207902]

Gascue C, Tan PL, Cardenas-Rodriguez M et al. Direct role of Bardet-Biedl syndrome proteins in transcriptional regulation. *J Cell Sci*. 2012-01-15 [PMID: 22302990]

Rugg-Gunn PJ, Cox BJ, Ralston A, Rossant J. Distinct histone modifications in stem cell lines and tissue lineages from the early mouse embryo. *Proc Natl Acad Sci U S A* 107(24):10783-90. 2010-06-15 [PMID: 20479220]

Ohtsubo M, Yasunaga S, Ohno Y et al. Polycomb-group complex 1 acts as an E3 ubiquitin ligase for Geminin to sustain hematopoietic stem cell activity. *Proc Natl Acad Sci U S A*;105(30):10396-401. 2008-07-29 [PMID: 18650381]





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Products Related to H00006045-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00006045-P01-10ug	Recombinant Human RNF2 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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