

Datasheet for ABIN562662
anti-RNF2 antibody (AA 192-290)



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Overview

Quantity:	100 µg
Target:	RNF2
Binding Specificity:	AA 192-290
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RNF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant RNF2.
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.
Sequence:	PSNKRTKTS DSGLELDNNN AAMAIDPVMD GASEIELVFR PHPTLMKDD SAQTRYIKTS GNATVDHLSK YLAVRLALEE LRSKGESNQM NLDTASEKQ
Clone:	6C2
Isotype:	IgG2a
Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	RNF2
Alternative Name:	RNF2 (RNF2 Products)
Background:	Full Gene Name: ring finger protein 2 Synonyms: BAP-1,BAP1,DING,HIPI3,RING1B,RING2
Gene ID:	6045
NCBI Accession:	NM_007212

Application Details

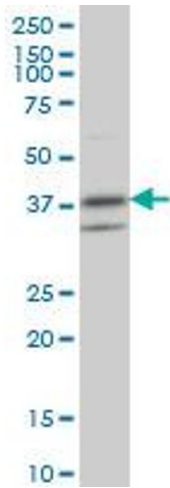
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

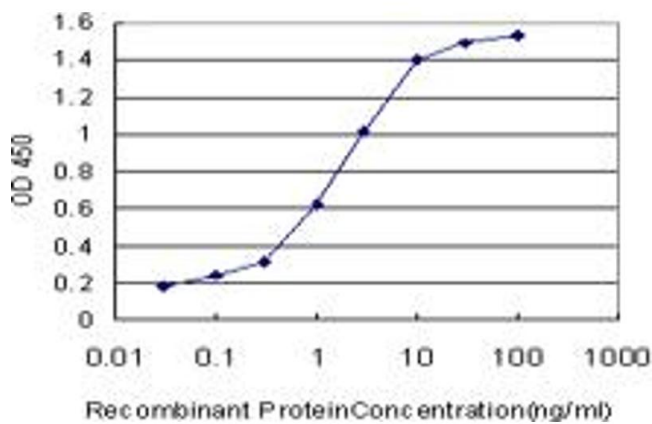
Publications

Product cited in:	<p>Yasunaga, Ohtsubo, Ohno, Saeki, Kurogi, Tanaka-Okamoto, Ishizaki, Shirai, Mihara, Brock, Miyoshi, Takihara: "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." in: Molecular and cellular biology, Vol. 33, Issue 4, pp. 644-60, (2013) (PubMed).</p> <p>Rugg-Gunn, Cox, Ralston, Rossant: "Distinct histone modifications in stem cell lines and tissue lineages from the early mouse embryo." in: Proceedings of the National Academy of Sciences of the United States of America, Vol. 107, Issue 24, pp. 10783-90, (2010) (PubMed).</p> <p>Ohtsubo, Yasunaga, Ohno, Tsumura, Okada, Ishikawa, Shirao, Kikuchi, Nishitani, Kobayashi, Takihara: "Polycomb-group complex 1 acts as an E3 ubiquitin ligase for Geminin to sustain hematopoietic stem cell activity." in: Proceedings of the National Academy of Sciences of the United States of America, Vol. 105, Issue 30, pp. 10396-401, (2008) (PubMed).</p>
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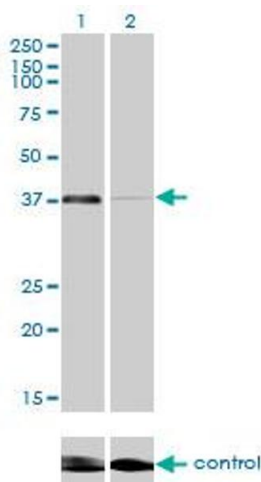
Western Blotting

Image 1. RNF2 monoclonal antibody (M01), clone 6C2 Western Blot analysis of RNF2 expression in NIH/3T3 .



ELISA

Image 2. Detection limit for recombinant GST tagged RNF2 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 3. Western blot analysis of RNF2 over-expressed 293 cell line, cotransfected with RNF2 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with RNF2 monoclonal antibody (M01), clone 6C2. GAPDH (36.1 kDa) used as specificity and loading control.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN562662.