

Product Datasheet

RIPK4 Antibody (2G3) - Azide and BSA Free H00054101-M01

Unit Size: 0.1 mg

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

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H00054101-M01

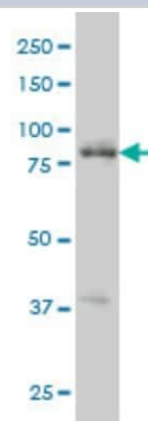
RIPK4 Antibody (2G3) - Azide and BSA Free

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	2G3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	54101
Gene Symbol	RIPK4
Species	Human, Mouse
Reactivity Notes	Other species not tested.
Specificity/Sensitivity	RIPK4 - receptor-interacting serine-threonine kinase 4
Immunogen	RIPK4 (NP_065690, 675 a.a. ~ 784 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. HLAARNGHLATVKLLVEEKADVLARGPLNQTALHLAAAHGHSEVVEELVSADVI DLFDEQGLSALHLAAQGRHAQTVETLLRHGAHINLQSLKFQGGHGPAATLLRR SKT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.

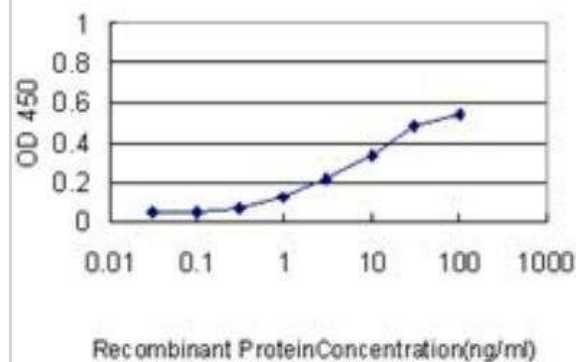


Images

Western Blot: RIPK4 Antibody (2G3) [H00054101-M01] - RIPK4 monoclonal antibody (M01), clone 2G3 Analysis of RIPK4 expression in A-431.



ELISA: RIPK4 Antibody (2G3) [H00054101-M01] - Detection limit for recombinant GST tagged RIPK4 is approximately 0.3ng/ml as a capture antibody.



Publications

Tanghe G, Urwyler-Rosset C, De Groote P et al. RIPK4 activity in keratinocytes is controlled by the SCF^β-TrCP ubiquitin ligase to maintain cortical actin organization. *Cell Mol Life Sci* 2018-02-12 [PMID: 29435596]

Kopparam J, Chiffelle J, Angelino P et al. RIP4 inhibits STAT3 signaling to sustain lung adenocarcinoma differentiation. *Cell Death Differ* 2017-06-02 [PMID: 28574510]

Lee P, Jiang S, Li Y et al. Phosphorylation of Pkp1 by RIPK4 regulates epidermal differentiation and skin tumorigenesis. *EMBO J* 2017-05-15 [PMID: 28507225]

Adams S, Munz B. RIP4 is a target of multiple signal transduction pathways in keratinocytes: implications for epidermal differentiation and cutaneous wound repair. *Exp Cell Res*. 2009-10-07 [PMID: 19818768]



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NBP2-62605PEP	RIPK4 Recombinant Protein Antigen

Limitations

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