Datasheet for ABIN2730601

RBCK1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)

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Overview

Quantity:	20 µg
Target:	RBCK1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBCK1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human RBCK1 / RNF54 (transcript variant 2) protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	RBCK1
Alternative Name:	Rbck1,rnf54 (RBCK1 Products)
Background:	The protein encoded by this gene is similar to mouse UIP28/UbcM4 interacting protein. Alternative splicing has been observed at this locus, resulting in distinct isoforms.
Molecular Weight:	57.4 kDa

Target Details

NCBI Accession:	NP_112506

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:

Shree, Singh, Saxena, Kumar, Agarwal, Sharma, Srivastava, Srivastava, Sanyal, Ramachandran: " The M. tuberculosis HAD phosphatase (Rv3042c) interacts with host proteins and is inhibited by Clofazimine." in: **Cellular and molecular life sciences : CMLS**, Vol. 73, Issue 17, pp. 3401-17, (2016) (PubMed).

Srinivasan, Blackburn, Lahiri: "Functional characterization of a competitive peptide antagonist of p65 in human macrophage-like cells suggests therapeutic potential for chronic inflammation." in: **Drug design, development and therapy**, Vol. 8, pp. 2409-21, (2015) (PubMed).

Pereira, Hugo, Malaterre, Huiling, Sonza, Cures, Purcell, Ramsland, Gerondakis, Gonda, Ramsay: "MYB elongation is regulated by the nucleic acid binding of NFκB p50 to the intronic stem-loop region." in: **PLoS ONE**, Vol. 10, Issue 4, pp. e0122919, (2015) (PubMed).

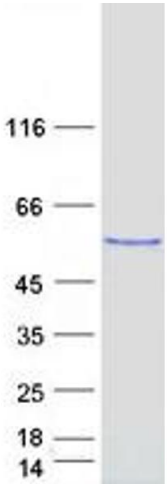
Thompson, Larson, Vidrine, Barrios, Navarro, Meyers, Simms, Prajapati, Chitsike, Hellman, Baker, Watkins: "FOXO3-NF-κB RelA Protein Complexes Reduce Proinflammatory Cell Signaling and Function." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 195, Issue 12, pp. 5637-

Publications

47, (2015) (PubMed).

Guo, Lu, Huang, Wu, Zhang, Yu, Zhang, Bao, He, Chen, Jia: "Protective role of PGC-1α in diabetic nephropathy is associated with the inhibition of ROS through mitochondrial dynamic remodeling." in: **PLoS ONE**, Vol. 10, Issue 4, pp. e0125176, (2015) (PubMed).

Images



Western Blotting

Image 1. Validation with Western Blot