## antibodies

## Datasheet for ABIN2729370 POT1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)

1 Image	
---------	--

Publications

2



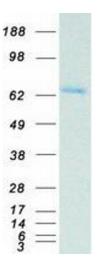
## Overview

Quantity:	20 µg
Target:	POT1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POT1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human POT1 (transcript variant 1) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	POT1
Alternative Name:	Pot1 (POT1 Products)
Background:	This gene is a member of the telombin family and encodes a nuclear protein involved in telomere maintenance. Specifically, this protein functions as a member of a multi-protein complex that binds to the TTAGGG repeats of telomeres, regulating telomere length and protecting chromosome ends from illegitimate recombination, catastrophic chromosome

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2729370 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
	instability, and abnormal chromosome segregation. Increased transcriptional expression of this gene is associated with stomach carcinogenesis and its progression. Alternatively spliced transcript variants have been described.
Molecular Weight:	71.3 kDa
NCBI Accession:	NP_056265
Pathways:	Cell Division Cycle, Telomere Maintenance
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:	Zhu, Sun: "Loss of PRRX1 induces epithelial-mesenchymal transition and cancer stem cell-like properties in A549 cells." in: <b>American journal of translational research</b> , Vol. 9, Issue 4, pp. 1641-1650, (2017) (PubMed). Guo, Fu, Wei, Lu, Feng, Zhang: "PRRX1 promotes epithelial-mesenchymal transition through the
	Wnt/?-catenin pathway in gastric cancer." in: <b>Medical oncology (Northwood, London, England)</b> , Vol. 32, Issue 1, pp. 393, (2014) (PubMed).

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2729370 | 09/11/2023 | Copyright antibodies-online. All rights reserved.



## Western Blotting

Image 1. Validation with Western Blot

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2729370 | 09/11/2023 | Copyright antibodies-online. All rights reserved.