

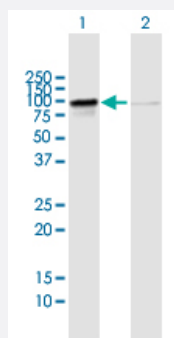
MaxPab®

RIOK1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00083732-B02P

Size 50 ug

Applications

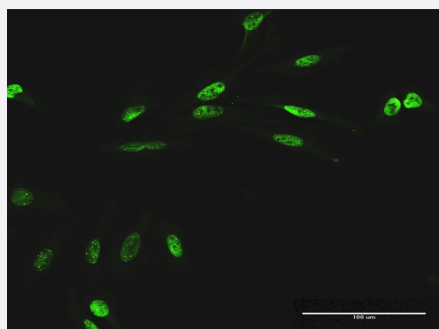


Western Blot (Transfected lysate)

Western Blot analysis of RIOK1 expression in transfected 293T cell line ([H00083732-T03](#)) by RIOK1 MaxPab polyclonal antibody.

Lane 1: RIOK1 transfected lysate(65.6 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RIOK1 on HeLa cell. [antibody concentration 20 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RIOK1 protein.

Immunogen

RIOK1 (NP_113668.2, 1 a.a. ~ 568 a.a) full-length human protein.

Sequence	MDYRRLLMSRVVPGQFDDADSSDSENRLKTVKEKDDILFEDLQDNVNENGEIEDEEEEGYD DDDDDDWDWDEGVGKLAKGYVWNGGSPQANRQTSDSSSAKMSTPADKVLRFENKINLDKLN VTDSVINKVTEKSRQKEADMYRIKDKADRATVEQVLDPRTRMILFKMLTRGIITEINGCISTGKEANV YHASTANGESRAIKIYKTSILVFKDRDKYVSGEFRFRHGYCKGNPRKMVKTWAEKEMRNLIRLNTA EIPCPEPIMLRSHVLVMSFIGKDDMPAPLLKNVQLSESKARELYLQVIQYMRRMYQDARLVHADLS EFNMLYHGGGVYIIDVSQSVEHDHPHALEFLRKDCANVNDFFMRHSVAVMTVRELFEFVTDPSIT HENMDAYLSKAMEIASQRTKEERSSQDHVDEEVFKRAYIPRTLNEVKNYERDMDIIMKLKEEDMA MNAQQDNILYQTVTGLKKDLSGVQKVPALLENQVEERTCSDSEDIGSSECSDTDSEEQGDHARP KKHTTDPDIDKKERKKMVKEAQREKRKNKIPKHVKKRKEKTAKTKKGK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RIOK1 on HeLa cell. [antibody concentration 20 ug/ml]

Gene Info — RIOK1

Entrez GeneID	83732
GeneBank Accession#	NM_031480.2
Protein Accession#	NP_113668.2
Gene Name	RIOK1
Gene Alias	AD034, FLJ30006, MGC12903, bA288G3.1

Gene Description	RIO kinase 1 (yeast)
Gene Ontology	Hyperlink
Gene Summary	This gene includes two alternatively spliced transcript variants, which encode different isoforms. The function of this gene has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000015999 RIO kinase 1 prematurely truncated due to insertion of intronic sequence

Publication Reference

- [Rio1 downregulates centromeric RNA levels to promote the timely assembly of structurally fit kinetochores.](#)

Ksenia Smurova, Michela Damizia, Carmela Irene, Stefania Stancari, Giovanna Berto, Giulia Perticari, Maria Giuseppina Iacovella, Ilaria D'Ambrosio, Maria Giubettini, Réginald Philippe, Chiara Baggio, Elisabetta Callegaro, Andrea Casagrande, Alessandro Corsini, Vincenzo Gentile Polese, Anna Ricci, Erik Dassi, Peter De Wulf.

Nature Communications 2023 Jun; 14(1):3172.

Application: IF, WB, Human, hTERT-RPE1 cells