

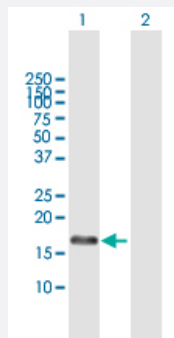
MaxPab®

RFK purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055312-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RFK expression in transfected 293T cell line ([H00055312-T01](#)) by RFK MaxPab polyclonal antibody.

Lane 1: RFK transfected lysate(17.82 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RFK protein.
Immunogen	RFK (NP_060809.2, 1 a.a. ~ 162 a.a) full-length human protein.
Sequence	MPRADCIMRHLPYFCRGQVVRGFGRGSKQLGIPTANFPEQVVDNLPADISTGMYGWASVGSGDV HKMVVSGIWNPPYYKNTKKSMETHIMHTFKEDFYGEILNVAIVGYLRPEKNFDSLESLSIAIQGDIEEA KKRLELPEHLKIKEDNFFQVSKSKIMNGH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
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.

Applications

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[Protocol Download](#)

Gene Info — RFK

Entrez GeneID	55312
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GeneBank Accession#	NM_018339.3
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Protein Accession#	NP_060809.2
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Gene Name	RFK
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Gene Alias	FLJ11149, RIFK
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Gene Description	riboflavin kinase
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Gene Ontology	Hyperlink
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Gene Summary	Riboflavin kinase (RFK) is an essential enzyme catalyzing the phosphorylation of riboflavin (vitamin B2) to form flavin mononucleotide (FMN), an obligatory step in vitamin B2 utilization and flavin cofactor synthesis (Karthikeyan et al., 2003 [PubMed 12623014]).[supplied by OMIM]
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Other Designations	0610038L10Rik ATP:riboflavin 5'-phosphotransferase flavokinase
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Pathway

- [Metabolic pathways](#)
- [Riboflavin metabolism](#)