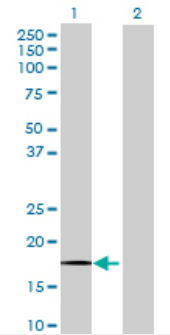
MaxPab®

RFK MaxPab mouse polyclonal antibody (B01)

Catalog # H00055312-B01 Size 50 uL

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	MPRADCIMRHLPYFCRGQVVRGFGRGSKQLGIPTANFPEQVVDNLPADISTGIYYGWASVGSGDV HKMVVSIGWNPYYKNTKKSMETHIMHTFKEDFYGEILNVAIVGYLRPEKNFDSLESLISAIQGDIEEA KKRLELPEHLKIKEDNFFQVSKSKIMNGH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — RFK

Entrez GeneID	55312
GeneBank Accession#	NM_018339.3
Protein Accession#	NP_060809.2
Gene Name	RFK
Gene Alias	FLJ11149, RIFK
Gene Description	riboflavin kinase
Gene Ontology	Hyperlink
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
Other Designations	0610038L10Rik|ATP:riboflavin 5'-phosphotransferase|flavokinase

Publication Reference

- Identification of early transcripts related to male development in chicken embryos.

  Lin YP, Chen LR, Chen CF, Liou JF, Chen YL, Yang JR, Shiue YL.

  Theriogenology 2010 Oct; 74(7):1161.

  Application: WB-Ti, Chicken, Chicken gonad

Pathway

- Metabolic pathways
- Riboflavin metabolism