



Rabbit Anti-MYLK4 antibody

SL19151R

Product Name:	MYLK4
Chinese Name:	肌球蛋白轻链激酶家庭成员4抗体
Alias:	CaMLCK like; EC 2.7.11.1; EG238564; Mylk4; MYLK4_HUMAN; Myosin light chain kinase family member 4; RP11-145H9.1; RP23-427P14.1; SgK085; Sugen kinase 85.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MYLK4:1-100/388
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	MYLK4 is a 388 amino acid protein that exists as two alternatively spliced isoforms. MYLK4 catalyzes the conversion of ATP to ADP and contains one protein kinase domain. The gene encoding MYLK4 maps to human chromosome 6p25.2 and mouse chromosome 13 A3.2.

Similarity:

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.

SWISS:

Q86YV6

Gene ID:

340156

Database links:

[Entrez Gene: 340156](#) Human

[SwissProt: Q86YV6](#) Human

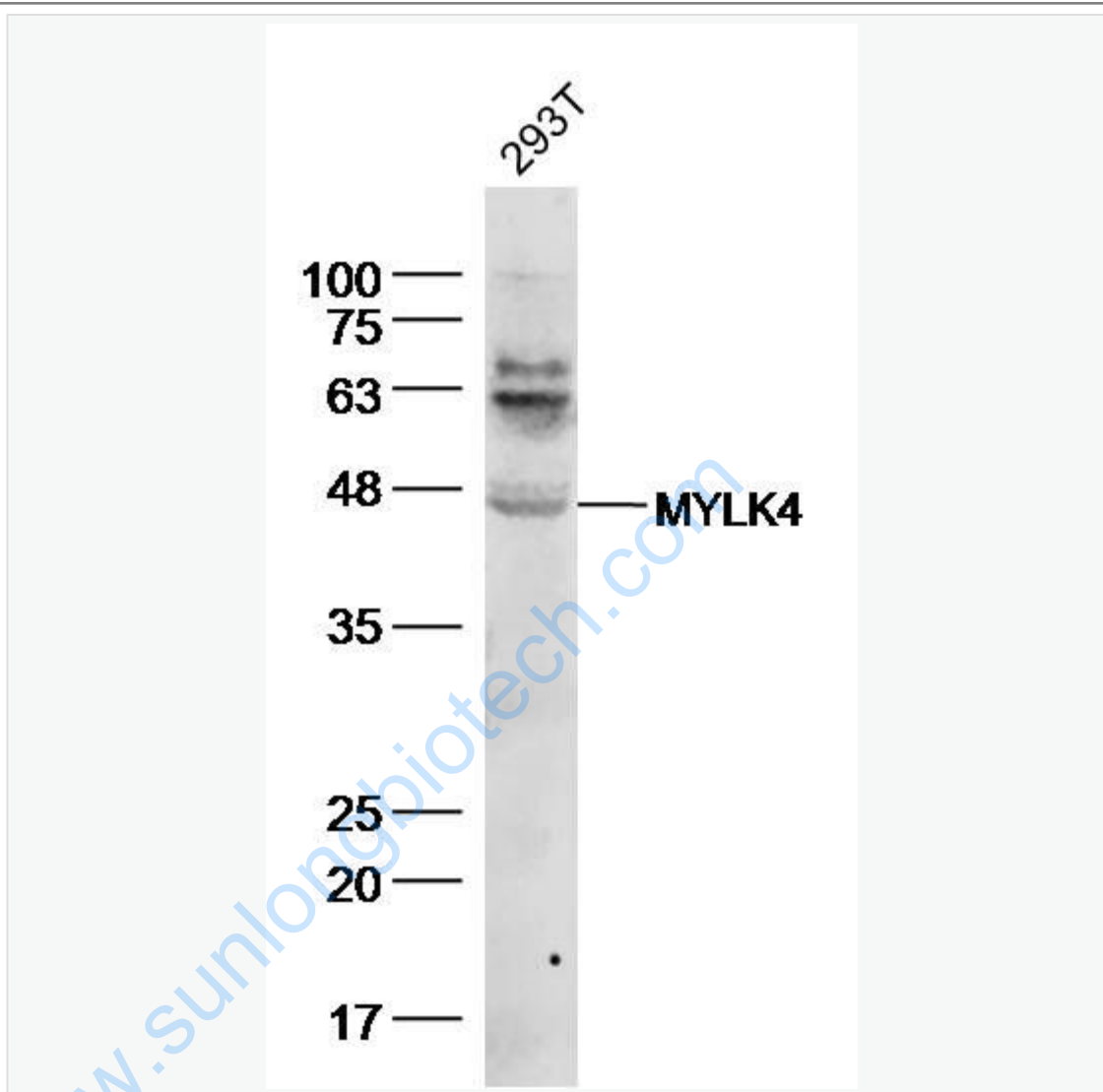
[Unigene: 127830](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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Picture:



Sample:

293T cell(human) Lysate at 30 ug

Primary: Anti- MYLK4 (SL19151R) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 46kD

Observed band size: 46kD