

# PDK4 Rabbit Polyclonal Antibody

Catalog No.: RA20341

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	46KD

### Applications

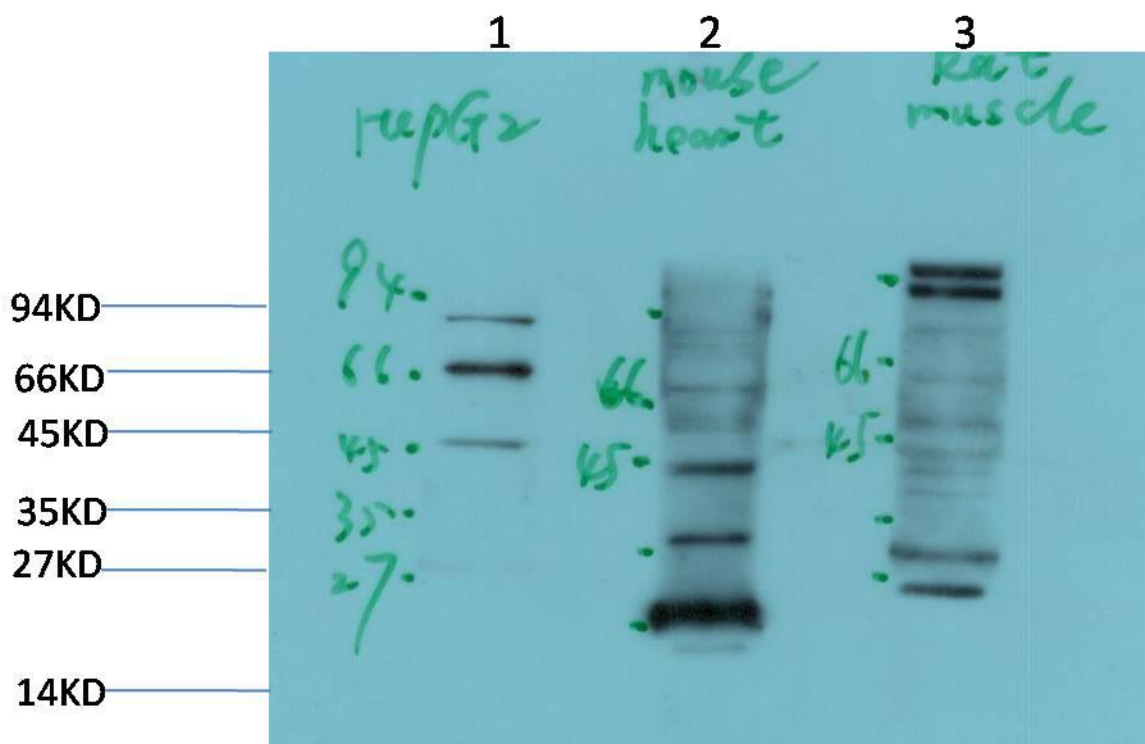
### Recommended Dilution

WB	1:1,000-2,000
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## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 1)HepG2 Cell Lysate, 2)Mouse Heart Tissue Lysate, 3)Rat Muscle Tissue Lysate using PDK4 Rabbit pAb diluted at 1:2,000.

## Background

Pyruvate dehydrogenase kinase isoform4 (PDK4) is also named as PDHK4 and belongs to the PDK/BCKDK protein kinase family. It is upregulated by starvation in many tissues of the body during starvation. This causes inactivation of the pyruvate dehydrogenase complex which blocks pyruvate oxidation and conserves lactate and alanine for gluconeogenesis.