

## Anti-PDK4 Polyclonal Antibody

Cat: K107089P

### Summary:

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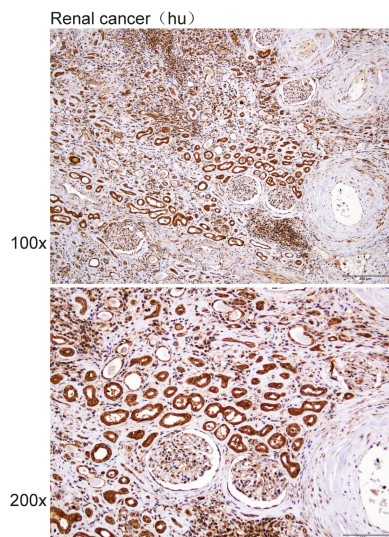
<b>【Product name】</b> : Anti-PDK4 antibody	<b>【Source】</b> : Rabbit
<b>【Isotype】</b> : IgG	<b>【Species reactivity】</b> : Human Mouse Rat
<b>【Swiss Prot】</b> : Q16654	<b>【Gene ID】</b> : 5166
<b>【Calculated】</b> : MW:46kDa	<b>【Observed】</b> : MW
<b>【Purification】</b> : Affinity purification	
<b>【Tested applications】</b> : IHC	
<b>【Recommended dilution】</b> : IHC 1:50-200.	
<b>【WB Positive sample】</b> :	
<b>【IHC Positive sample】</b> : Human Renal cancer	
<b>【Subcellular location】</b> : Cytoplasm	
<b>【Immunogen】</b> : Recombinant protein of human PDK4	
<b>【Storage】</b> : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

### Background:

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This gene is a member of the PDK/BCKDK protein kinase family and encodes a mitochondrial protein with a histidine kinase domain. This protein is located in the matrix of the mitochondria and inhibits the pyruvate dehydrogenase complex by phosphorylating one of its subunits, thereby contributing to the regulation of glucose metabolism. Expression of this gene is regulated by glucocorticoids, retinoic acid and insulin.

## Verified picture



Immunohistochemistry of paraffin-embedded  
Human Renal cancer with PDK4 antibody  
diluted at 1:100