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**Product Name: DYRK4 Mouse Monoclonal Antibody****Catalog #: AMM82862**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,ELISA
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:200-1:1000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	59.6kDa

**Antigen Information**

<b>Gene Name</b>	DYRK4
<b>Alternative Names</b>	DYRK4
<b>Gene ID</b>	8798.0
<b>SwissProt ID</b>	Q9NR20
<b>Immunogen</b>	Purified recombinant fragment of human DYRK4 (AA: 303-515) expressed in E. Coli.

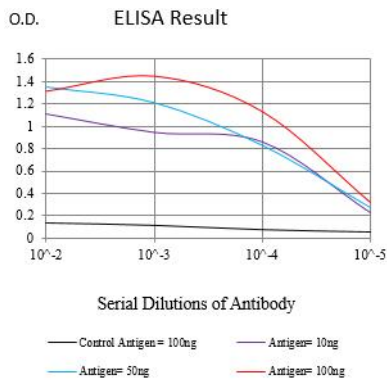
**Background**

This gene encodes an enzyme that belongs to a conserved family of serine/threonine protein kinases. Members of this dual specificity kinase family are thought to function in the regulation of cell differentiation and proliferation, survival, and in development. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this

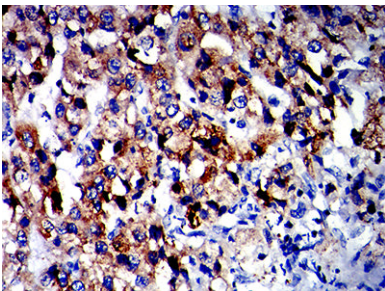
gene have been described, but their full-length nature is not known.

## Research Area

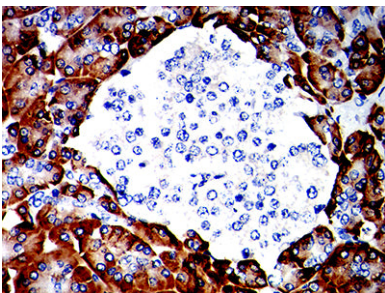
## Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using DYRK4 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human pancreas tissues using DYRK4 mouse mAb with DAB staining.