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**Product Name: Protein Kinase D2 Rabbit Monoclonal Antibody****Catalog #: AMRe86563**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<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>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:100-1:200
<b>Molecular Weight</b>	Calculated MW:97 kDa; Observed MW:105 kDa

**Antigen Information**

<b>Gene Name</b>	Protein Kinase D2
<b>Alternative Names</b>	PKD2; HSPC187; nPKC-D2
<b>Gene ID</b>	25865
<b>SwissProt ID</b>	Q9BZL6
<b>Immunogen</b>	A synthetic peptide of human Protein Kinase D2

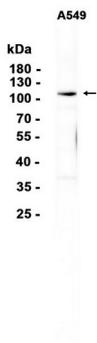
**Background**

The protein encoded by this gene belongs to the protein kinase D (PKD) family of serine/threonine protein kinases. This kinase can be activated by phorbol esters as well as by gastrin via the cholecystokinin B receptor (CCKBR) in gastric cancer cells. It can

bind to diacylglycerol (DAG) in the trans-Golgi network (TGN) and may regulate basolateral membrane protein exit from TGN. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from A549 cells using Protein Kinase D2 Rabbit Monoclonal Antibody at 1:1000.