



# PASK (Phospho-Thr1165) rabbit pAb

<b>Catalog No</b>	BYab-10513
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	PASK KIAA0135
<b>Protein Name</b>	PASK (Phospho-Thr1165)
<b>Immunogen</b>	Synthesized peptide derived from human PASK (Phospho-Thr1165)
<b>Specificity</b>	This antibody detects endogenous levels of PASK (Phospho-Thr1165) at Human, Mouse,Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.169% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	PAS domain-containing serine/threonine-protein kinase (PAS-kinase) (PASKIN) (hPASK) (EC 2.7.11.1)
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasm . Nucleus . Localizes in the nucleus of testis germ cells and in the midpiece of sperm tails.
<b>Tissue Specificity</b>	Ubiquitously expressed, with slightly higher expression in brain, prostate and testis. Reduced expression was found in placenta. Present in germ cells of testis and in the midpiece of sperm tails (at protein level).
<b>Function</b>	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,enzyme regulation:Activated by autophosphorylation on Thr-1161 and Thr-1165 and inhibited by the first PAS domain.,PTM:Autophosphorylated on Thr-1161 and Thr-1165.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,similarity:Contains 2 PAS (PER-ARNT-SIM) domains.,tissue specificity:Ubiquitously expressed, with slightly higher expression in brain, prostate and testis. Reduced expression was found in placenta.,

Nanjing BYabscience technology Co.,Ltd



**Background**

This gene encodes a member of the serine/threonine kinase family that contains two PAS domains. Expression of this gene is regulated by glucose, and the encoded protein plays a role in the regulation of insulin gene expression. Downregulation of this gene may play a role in type 2 diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western Blot analysis of 1 Jurkat cell 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000