

PASK (Phospho Thr1165) rabbit pAb

Catalog No :	YP1742
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	PASK
Gene Name :	PASK KIAA0135
Protein Name :	PASK (Phospho-Thr1165)
Human Gene Id :	23178
Human Swiss Prot No :	Q96RG2
Mouse Gene Id :	269224
Mouse Swiss Prot No :	Q8CEE6
Immunogen :	Synthesized peptide derived from human PASK (Phospho-Thr1165)
Specificity :	This antibody detects endogenous levels of PASK (Phospho-Thr1165) at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 146kD

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],

Function : 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.,

Subcellular Location : Cytoplasm . Nucleus . Localizes in the nucleus of testis germ cells and in the midpiece of sperm tails.

Expression : 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).

Tag : orthogonal

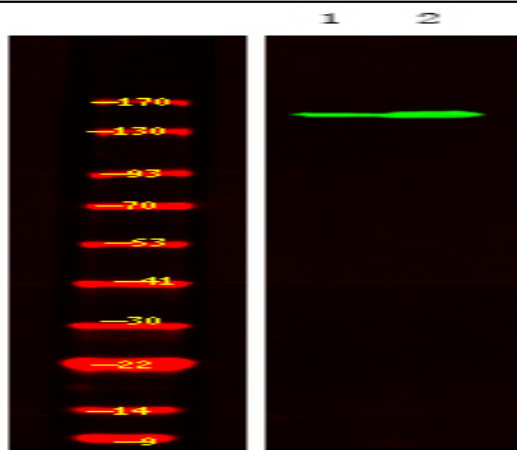
Sort : 25221

No4 : 1

Host : Rabbit

Modifications : Phospho

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