Datasheet for ABIN7162686 anti-PASK antibody (AA 482-602) (FITC)

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Overview	
Quantity:	100 µg
Target:	PASK
Binding Specificity:	AA 482-602
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PASK antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human PAS domain-containing serine/threonine-protein kinase protein (482- 602AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PASK
Alternative Name:	PASK (PASK Products)
Background:	Background: Serine/threonine-protein kinase involved in energy homeostasis and protein

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	translation. Phosphorylates EEF1A1, GYS1, PDX1 and RPS6. Probably plays a role under
	changing environmental conditions (oxygen, glucose, nutrition), rather than under standard
	conditions. Acts as a sensor involved in energy homeostasis: regulates glycogen synthase
	synthesis by mediating phosphorylation of GYS1, leading to GYS1 inactivation. May be involved
	in glucose-stimulated insulin production in pancreas and regulation of glucagon secretion by
	glucose in alpha cells, however such data require additional evidences. May play a role in
	regulation of protein translation by phosphorylating EEF1A1, leading to increase translation
	efficiency. May also participate to respiratory regulation.
	Aliases: DKFZP4340051 antibody, DKFZp686P2031 antibody, hPASK antibody, KIAA0135
	antibody, MGC93882 antibody, mKIAA0135 antibody, PAS domain containing serine/threonine
	kinase antibody, PAS domain containing serine/threonine protein kinase antibody, PAS domain-
	containing serine/threonine-protein kinase antibody, PAS kinase antibody, PAS serine/threonine
	kinase antibody, PAS-kinase antibody, Pask antibody, PASK_HUMAN antibody, PASKIN
	antibody, STK 37 antibody, STK37 antibody
UniProt:	Q96RG2
Pathways:	Regulation of Carbohydrate Metabolic Process
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.