Mouse PASK Monoclonal Antibody | anti-PASK antibody

PASK antibody

CATALOG #	HOST	APPLICATIONS
AAA107096	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

PASK; Monoclonal Antibody; PASK antibody; Monoclonal PASK; Anti-PASK; STK39; Serine Threonine Kinase 39; Ste20/Sps1 Homolog Yeast; DCHT; DKFZp686K05124; SPAK; anti-PASK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	8G9
Purity/Purification	PASK antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	1323
Applicable Applications for anti-PASK antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	PASK is a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress.
Cross-Reactivity	Human
Immunogen	PASK antibody was raised in mouse using a full length recombinant protein of human PASK (NP_055963) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant PASK protein using PASK antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of PASK protein in paraffin embedded Human liver tissue using PASK antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PASK protein (Right) or empty vector (Left) detected with PASK antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PASK antibody	Mouse monoclonal PASK antibody
Product Categories/Family for anti-PASK antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	35038528
NCBI GeneID	23178
NCBI Accession #	NP_055963
NCBI GenBank Nucleotide #	NM_015148.3
UniProt Accession #	Q96RG2; Q05BE4; Q68DY3; Q6GSJ5; Q86XH6; Q99763; Q9UFR7; G5E9F1
Molecular Weight	123,048 Da
NCBI Official Full Name	PAS domain-containing serine/threonine-protein kinase isoform 2
NCBI Official Synonym Full Names	PAS domain containing serine/threonine kinase
NCBI Official Symbol	PASK
NCBI Official Synonym Symbols	STK37; PASKIN
NCBI Protein Information	PAS domain-containing serine/threonine-protein kinase
UniProt Protein Name	PAS domain-containing serine/threonine-protein kinase
UniProt Gene Name	**PASK**
UniProt Synonym Gene Names	KIAA0135; PAS-kinase; PASKIN; hPASK
UniProt Entry Name	PASK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pask-antibody-clone-8g9-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107096