

PASK Polyclonal Antibody

Catalog number: 14396-1-AP

Size: 39 µg/150 µl

Source: Rabbit

Isotype: IgG

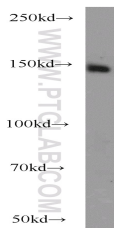
Synonyms:

PASK; DKFZp434O051,

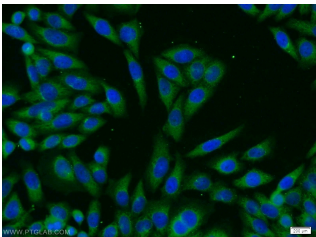
DKFZp686P2031, hPASK,

KIAA0135, PAS kinase, PASK,

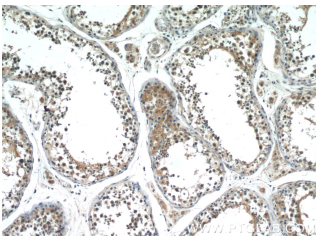
PASKIN, STK37



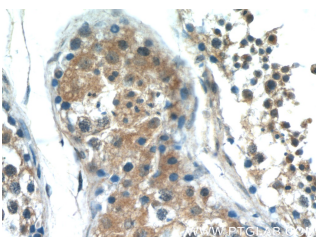
K-562 cells were subjected to SDS PAGE followed by western blot with 14396-1-AP(PASK antibody) at dilution of 1:1000



Immunofluorescent analysis of HeLa cells using 14396-1-AP(PASK Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human testis tissue slide using 14396-1-AP(PASK Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of

Background

PAS (Per-Arnt-Sim) domains regulate the function of many intracellular signaling pathways in response to both extrinsic and intrinsic stimuli. PAS domain-containing serine/threonine-protein kinase (PASK, also termed PAS-kinase or PASKIN) is an evolutionarily conserved nutrient responsive protein kinase. PASK links energy flux and protein synthesis in yeast and regulates glycogen synthesis in mammals. It has also been implicated in glucose-stimulated insulin production in pancreatic beta-cells.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated PASK MW:	143 kDa
Observed PASK MW:	143-150 kDa
Positive WB detected in	K-562 cells, HeLa cells, human brain tissue
Positive IP detected in	K-562 cells
Positive IHC detected in	Human testis tissue, human prostate hyperplasia tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:10-1:100

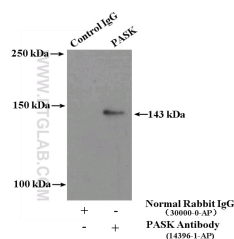
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5893
GenBank accession number:	BC063585
Gene ID (NCBI):	23178
Full name:	PAS domain containing serine/threonine kinase

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-PASK

paraffin-embedded human testis tissue slide using 14396-1-AP(PASK Antibody) at dilution of 1:50 (under 40x lens) (IP:14396-1-AP, 4ug; Detection:14396-1-AP 1:500) with K-562 cells lysate 3200ug.