

## PASK (Phospho Thr1165) Rabbit pAb

CatalogNo: YP1742 Orthogonal Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 146kD (Calculated)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

WB 1:500-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human PASK (Phospho-Thr1165)

**Specificity** This antibody detects endogenous levels of PASK (Phospho-Thr1165) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): CGtIE

## Target Information

**Gene name** PASK KIAA0135

**Protein Name** PAS domain-containing serine/threonine-protein kinase

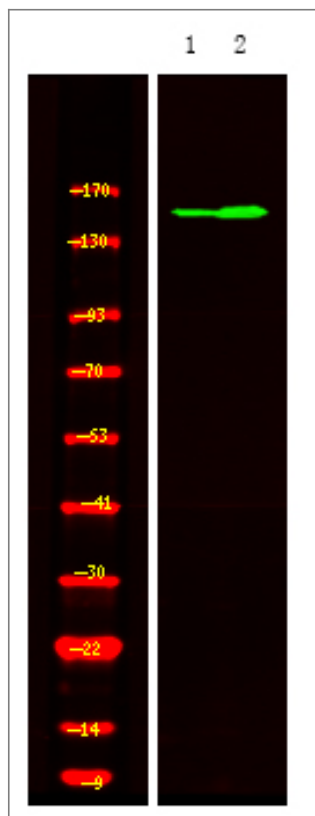
Organism	Gene ID	UniProt ID
Human	<a href="#">23178;</a>	<a href="#">Q96RG2;</a>
Mouse	<a href="#">269224;</a>	<a href="#">Q8CEE6;</a>

**Cellular Localization** Cytoplasm . Nucleus . Localizes in the nucleus of testis germ cells and in the midpiece of sperm tails.

**Tissue specificity** 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).

**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.,

## Validation Data



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

## | Contact information

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**PASK (Phospho Thr1165) Rabbit pAb**

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