

## RIPK5 Rabbit pAb

CatalogNo: YN6653

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 102kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### 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.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human RIPK5

**Specificity** This antibody detects endogenous levels of RIPK5 at Human, Mouse, Rat

### Target Information

**Gene name** DSTYK KIAA0472 RIP5 RIPK5 SGK496 HDCMD38P

**Protein Name** Dual serine/threonine and tyrosine protein kinase (Dusty protein kinase) (Dusty PK) (RIP-homologous kinase) (Receptor-interacting serine/threonine-protein kinase 5) (Sugen kinase 496) (SgK496)

Organism	Gene ID	UniProt ID
Human	<a href="#">25778</a> ;	<a href="#">Q6XUX3</a> ;
Mouse	<a href="#">213452</a> ;	<a href="#">Q6XUX1</a> ;
Rat	<a href="#">304791</a> ;	<a href="#">Q6XUX2</a> ;

**Cellular Localization** Cytoplasm . Cell membrane . Apical cell membrane . Basolateral cell membrane . Cell junction . Detected at apical cell-cell junctions. Colocalized with FGF receptors to the cell membrane (By similarity). Detected in basolateral and apical membranes of all tubular epithelia. .

**Tissue specificity** Predominantly expressed in skeletal muscle and testis. Expressed in basolateral and apical membranes of all tubular epithelia. Expressed in thin ascending limb of the loop of Henle and the distal convoluted tubule. Expressed in all layers of transitional ureteric epithelium and in the ureteric smooth-muscle cells. Weakly expressed in heart, brain, placenta, kidney, pancreas, spleen, thymus, prostate, uterus, small intestine, white blood cells, stomach, spinal cord and adrenal gland. Is widely distributed in the CNS. Also detected in several tumor cell lines. Expressed in the skin (PubMed:28157540).

**Function** Acts as a positive regulator of ERK phosphorylation downstream of fibroblast growth factor-receptor activation . Involved in the regulation of both caspase-dependent apoptosis and caspase-independent cell death . In the skin, it plays a predominant role in suppressing caspase-dependent apoptosis in response to UV stress in a range of dermal cell types .

## Validation Data

## Contact information

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