

DAPK1 (Phospho Ser289) Rabbit pAb

CatalogNo: YP1813 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IHC, WB

MW

- 157kD (Calculated)

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000**IHC 1:50-200**

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human DAPK1 (Phospho Ser289)**Specificity** This antibody detects endogenous levels of DAPK1 (Phospho Ser289) Rabbit pAb at Human, Mouse

Target Information

Gene name DAPK1 DAPK

Protein Name Death-associated protein kinase 1 (DAP kinase 1) (EC 2.7.11.1)

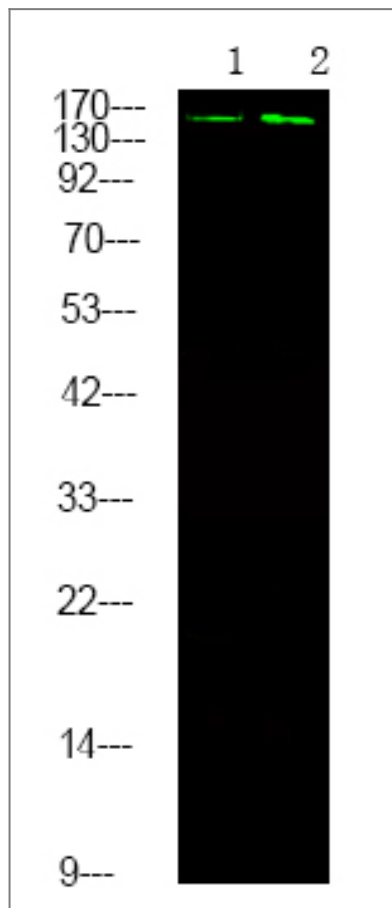
Organism	Gene ID	UniProt ID
Human	1612 ;	P53355 ;
Mouse	69635 ;	Q80YE7 ;

Cellular Localization [Isoform 1]: Cytoplasm. Cytoplasm, cytoskeleton. Colocalizes with MAP1B in the microtubules and cortical actin fibers.; [Isoform 2]: Cytoplasm. Cytoplasm, cytoskeleton.

Tissue specificity Isoform 2 is expressed in normal intestinal tissue as well as in colorectal carcinomas.

Function Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Negatively regulated by autophosphorylation on Ser-308.,Function:Calcium/calmodulin-dependent serine/threonine kinase which acts as a positive regulator of apoptosis.,induction:Up-regulated following treatment with interferon-gamma.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. DAP kinase subfamily.,similarity:Contains 1 death domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 10 ANK repeats.,subcellular location:Colocalizes with the actin filament system.,

Validation Data



Western Blot analysis of 1 HeLa 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

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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DAPK1 (Phospho Ser289) Rabbit pAb

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