

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)

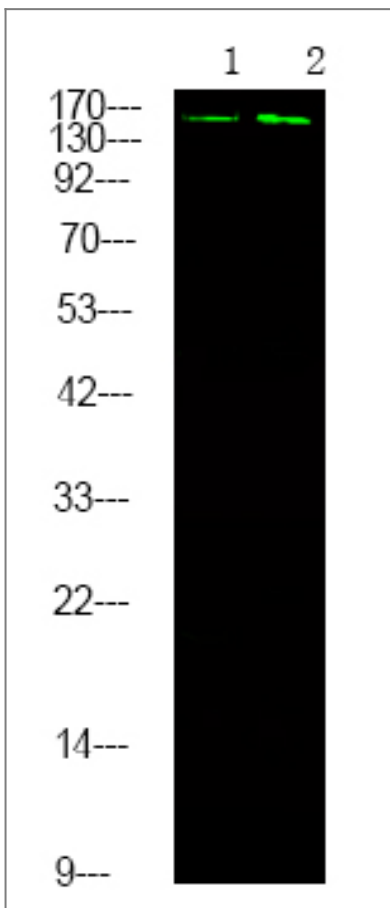
Organism	Gene ID	UniProt ID
Human	1612 ;	P53355 ;
Mouse	69635 ;	Q80YE7 ;

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

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DAPK1 (Phospho Ser289) Rabbit pAb

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