

**DAPK2 Rabbit mAb**  
Catalog # AP75337**Specification**

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**DAPK2 Rabbit mAb - Product Information**

|                   |                            |
|-------------------|----------------------------|
| Application       | <b>WB</b>                  |
| Primary Accession | <a href="#">O9UIK4</a>     |
| Reactivity        | <b>Rat</b>                 |
| Host              | <b>Rabbit</b>              |
| Clonality         | <b>Monoclonal Antibody</b> |
| Calculated MW     | <b>42898</b>               |

**DAPK2 Rabbit mAb - Additional Information****Gene ID** 23604**Other Names**  
DAPK2**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**DAPK2 Rabbit mAb - Protein Information****Name** DAPK2**Function**

Calcium/calmodulin-dependent serine/threonine kinase involved in multiple cellular signaling pathways that trigger cell survival, apoptosis, and autophagy. Regulates both type I apoptotic and type II autophagic cell death signals, depending on the cellular setting. The former is caspase-dependent, while the latter is caspase-independent and is characterized by the accumulation of autophagic vesicles. Acts as a mediator of anoikis and a suppressor of beta-catenin-dependent anchorage-independent growth of malignant epithelial cells. May play a role in granulocytic maturation (PubMed:<a href="http://www.uniprot.org/citations/17347302" target="\_blank">17347302</a>). Regulates granulocytic motility by controlling cell spreading and polarization (PubMed:<a href="http://www.uniprot.org/citations/24163421" target="\_blank">24163421</a>).

**Cellular Location**

Cytoplasm. Cytoplasmic vesicle, autophagosome lumen

**Tissue Location**

Expressed in neutrophils and eosinophils (PubMed:24163421). Isoform 2 is expressed in embryonic stem cells (at protein level). Isoform 1 is ubiquitously expressed in all tissue types examined with high levels in heart, lung and skeletal muscle

## DAPK2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## DAPK2 Rabbit mAb - Images

