

DAPK2 Rabbit mAb

Catalog # AP75337

Product Information

| | |
|-------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | Q9UIK4 |
| Reactivity | Rat |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Calculated MW | 42898 |

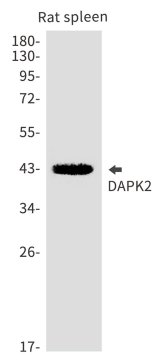
Additional Information

| | |
|-------------|-----------------------------|
| Gene ID | 23604 |
| Other Names | DAPK2 |
| Dilution | WB~~1/500-1/1000 IHC-P~~N/A |
| Format | Liquid |

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: 17347302). Regulates granulocytic motility by controlling cell spreading and polarization (PubMed: 24163421). |
| 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 |

Images



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