

DAPK2 Rabbit mAb
Catalog # AP75337**Specification**

DAPK2 Rabbit mAb - Product Information

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

DAPK2 Rabbit mAb - Additional Information**Gene ID** 23604**Other Names**
DAPK2**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**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: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

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