

## DAPK2 RABBIT MAB

**Cat.#:** N262113

**Product Name:** Anti-DAPK2 Rabbit Monoclonal Antibody

**Synonyms:** DAPK2; Death-associated protein kinase 2; DAP kinase 2; DAP-kinase-related protein 1; DRP-1

**UNIPROT ID:** Q9UIK4

**Background:** 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).

**Immunogen:** A synthetic peptide of human DAPK2

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R09-8F2

**MW:** Calculated MW: 43 kDa; Observed MW: 43 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Rat

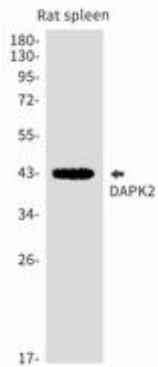
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of DAPK2 in rat spleen lysates using DAPK2 antibody.