

Anti-DAP Kinase 2 Antibody

ORDERING INFORMATION

Catalog No.: 2323

Size: 100ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

Certain serine/threonine protein kinases, such as RIP and DAP kinase, are mediators of apoptosis. DAP kinase (DAPK) is a pro-apoptotic, calcium-regulated serine/threonine kinase containing a death domain. Expression of DAPK induces cell death and suppresses oncogenic trans-formation. DAPK mediates IFN γ -induced apoptosis. A DAPK-related protein was recently described and designated DAPK2, or DRP-1. Expression of DAPK2 induces apoptosis. The messenger RNA for DAPK2 is expressed in multiple human tissues.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 356-370 of human DAPK2 (accession no. BAA88063).

This sequence is identical to that of mouse.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

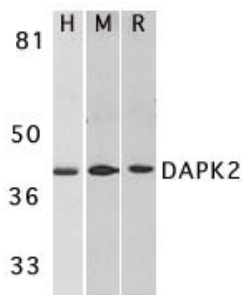
SPECIFICITY

This antibody recognizes human, mouse, and rat DAPK2 (approx. 42kDa) and does not cross-react with DAPK.

For in vitro investigational use only. Not for use in therapeutic or diagnostic applications.

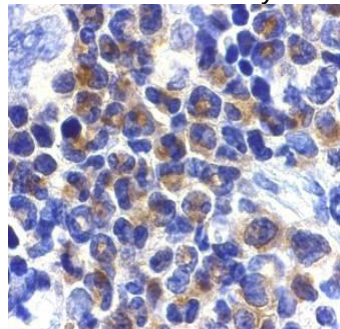
APPLICATIONS

Immunoblotting: use at 1ug/ml.



Western blot analysis of DAPK2 in A431 (H), mouse spleen (M), and rat kidney (R) lysates with DAPK2 antibody at 1 μ g/ml.

Immunohistochemistry: use at 2ug/ml.



Immunohistochemical staining of DAPK2 in mouse spleen cells with DAPK2 antibody at 2 μ g/ml.

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

Positive control: Whole cell lysate from A431 cells.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20 $^{\circ}$ C. Avoid multiple freeze-thaw cycles.