QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-DAP Kinase 2 Antibody

ORDERING INFORMATION

Catalog No.: 2323

Size: 100 ug IgG in 200 ul PBS, pH 7.4, purified by immunoaffinity chroma-tography.

BACKGROUND

Apoptosis is mediated by death domain-containing adapter molecules and the caspase family of proteases. 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 IFNγ-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.

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

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 356-370 of human DAPK2. 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. 42 kD). No cross-reactivity with DAPK.

APPLICATIONS

Immunoblotting: use at 1:500-1:1,000 dilution.

Positive control: Whole cell lysate from A431cells.

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°C. Avoid multiple freeze-thaw cycles.

11021 Via Frontera #203 San Diego, California 92127 www.qedbio.com
Tel. (800) 929-2114 / (858) 675-2405 Fax (858) 592-1509 info@qedbio.com