

QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

MAP2K1 Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 56317

Size: 0.1 mg affinity purified antibody in phosphate-buffered saline, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 1-28 of human MAP2K1.

Host Species: Chicken

Stabilizers: None

Preservatives: None. Available upon request.

SPECIFICITY

This antibody recognizes MAP2K1 (Mitogen Activated Protein Kinase Kinase 1), a member of the dual specificity protein kinase family which acts as a mitogen-activated protein kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), serve as an integration point for multiple biochemical signals. MAP2K1 is upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases following a wide variety of extra- and intracellular signals. MAP2K1 is involved in cell proliferation, differentiation, transcription regulation, and development.

APPLICATIONS

Immunoblotting: use at 0.5-2 ug/ml. In immunoblots, a band of approximately 45 kD is detected.

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.

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