

QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

NAK/TBK1 (CT) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 56114

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

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 712-727 of human NAK/TBK1. This sequence is identical to that of mouse NAK/TBK1.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide

SPECIFICITY

This antibody recognizes an epitope at the C-terminus of human, mouse, and rat NAK/TBK1 (NF- κ B Activating Kinase and TANK-Binding Kinase 1). NAK/TBK1 activates IKK β through direct phosphorylation and activates NF- κ B as well in response to growth factors. NAK/TBK1 functions upstream of NIK and the IKK complex and is critical in protecting embryonic liver from apoptosis. This antibody does not cross-react with IKK α , IKK β , IKK ϵ , or IKK γ .

APPLICATIONS

Immunoblotting: use at 0.5-1 ug/ml. In immunoblots, a band of 84 kD is detected.

Positive control: MOLT4 cell lysate.

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.