

Chk2 (NT) Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 56221

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

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa
2-18 of human Chk2.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide

SPECIFICITY

This antibody recognizes an epitope at the N-terminus of human, mouse, and rat Chk2 (Checkpoint Kinase 2). In response to DNA damage, ATM phosphorylates and activates Chk2 which in turn directly phosphorylates and activates p53. Chk2 also phosphorylates and activates BRCA1, the product of a tumor suppressor gene that is often mutated in breast and ovarian cancer.

APPLICATIONS

Immunoblotting: use at 0.5-1 ug/ml. In immunoblots, a band of 60 kD is detected.

Positive control: Jurkat 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.