

Product Information

Anti-CHEK2
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21552**

Formerly listed as GenWay Catalog Number 15-288-21552,
Serine/threonine-protein kinase Chk2 Antibody.

Storage Temperature Store at -20 °C

Synonyms: Protein kinase CHK2 isoform a, EC 2.7.11.1; Cds1

Product Description

Regulates cell cycle checkpoints and apoptosis in response to DNA damage, particularly to DNA double-strand breaks. Inhibits CDC25C phosphatase by phosphorylation on Ser-216, preventing the entry into mitosis. May also play a role in meiosis. Regulates the TP53 tumor suppressor through phosphorylation at Thr-18 and Ser-20.

NCBI Accession number: NP_009125.1

Swiss Prot Accession number: O96017

Gene Information: Human .. CHEK2 (11200)

Immunogen: Recombinant protein Protein kinase CHK2 isoform a

Immunogen Sequence: GI # 6005850, sequence 1 - 108

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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