

Product Information

Anti-CDC14 (ab2)
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21521**
Formerly listed as GenWay Catalog Number 15-288-21521,
CDC14 homolog A isoform 1 variant Antibody.

Storage Temperature Store at -20 °C

Synonyms: CDC14 homolog A isoform 2

Product Description

The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. This protein is highly similar to *Saccharomyces cerevisiae* Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, which suggests the role in cell cycle control. This protein has been shown to interact with and dephosphorylates tumor suppressor protein p53, and is thought to regulate the function of p53. Alternative splice of this gene results in 3 transcript variants encoding distinct isoforms.

NCBI Accession number: NP_201569.1

Swiss Prot Accession number: Q59EF4

Gene Information: Human .. cdc14 (8556)

Immunogen: Recombinant protein CDC14 homolog A isoform 2

Immunogen Sequence: GI # 15451931, sequence 570 - 623

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.

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