

Product Information

Anti-AKT3
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW22777**
Formerly listed as GenWay Catalog Number 15-288-22777,
AKT3 protein Antibody.

Storage Temperature Store at -20 °C

Synonyms: V-akt murine thymoma viral oncogene homolog
3 isoform 1

Product Description

The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protein kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferation, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. This kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and insulin-like growth factor 1 (IGF1).

NCBI Accession number: NP_005456.1

Swiss Prot Accession number: Q56A86

Gene Information: Human .. AKT3 (10000)

Immunogen: Recombinant protein V-akt murine thymoma viral oncogene homolog 3 isoform 1

Immunogen Sequence: GI # 4885549, sequence 124 - 144

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

Species Reactivity: Human, mouse, rat

Tested Applications: ELISA, 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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