

## Product Information

**Anti-KAT (ab1)**  
antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW22331A**

Formerly listed as GenWay Catalog Number 15-288-22331A,  
Katanin p80 subunit B 1 variant Antibody.

Storage Temperature Store at -20 °C

Synonyms: Katanin p80 subunit B 1

### Product Description

Microtubules. polymers of alpha and beta tubulin subunits. form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules. while the p80 subunit targets the enzyme to the centrosome. Katanin is a member of the AAA family of ATPases.

NCBI Accession number: NP\_005877.1

Swiss Prot Accession number: Q59G59

Gene Information: Human .. KAT (10300)

Immunogen: Recombinant protein Katanin p80 subunit B 1

Immunogen Sequence: GI # 5031817, sequence 1 - 220

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: 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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