

Product Information

Anti-Chorionic Gonadotropin β subunit (ab1)
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW20075F**

Formerly listed as GenWay Catalog Number 15-288-20075F,
Chorionic gonadotropin beta subunit Antibody.

Storage Temperature Store at -20°C

Synonyms: Chorionic gonadotropin beta 3 subunit

Product Description

This protein is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene.

NCBI Accession number: NP_000728.1

Swiss Prot Accession number: Q8WXL1

Gene Information: Human .. CGB (1082)

Immunogen: Recombinant protein Chorionic gonadotropin beta 3 subunit

Immunogen Sequence: GI # 4502789, sequence 1 - 165

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 $2-8^{\circ}\text{C}$ 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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