Product Information

Anti-α-2-HS-Glycoprotein
antibody produced in chicken,
affinity isolated antibody

Catalog Number GW20078F
Formerly listed as GenWay Catalog Number 15-288-20078F,
Alpha-2-HS-glycoprotein Antibody.

Storage Temperature Store at –20 °C

Synonyms: Alpha-2-HS-glycoprotein, Fetuin-A; Alpha-2-Z-globulin; Ba-alpha-2-glycoprotein

Product Description
Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows affinity for calcium and barium ions. Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix and it has therefore been postulated that it participates in the development of the tissues.

NCBI Accession number: NP_001613.1
Swiss Prot Accession number: P02765
Gene Information: Human .. AHSG (197)
Immunogen: Recombinant protein Alpha-2-HS-glycoprotein
Immunogen Sequence: GI # 4502005, sequence 1 - 367

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

Species Reactivity: Human

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.

LPG,MAM12/09-1