

AHSG Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10106b

Specification

AHSG Antibody (C-term) Blocking peptide - Product Information

Primary Accession

[P02765](#)

Other Accession

[NP_001613.2](#)

AHSG Antibody (C-term) Blocking peptide - Additional Information

Gene ID 197

Other Names

Alpha-2-HS-glycoprotein, Alpha-2-Z-globulin, Ba-alpha-2-glycoprotein, Fetuin-A, Alpha-2-HS-glycoprotein chain A, Alpha-2-HS-glycoprotein chain B, AHSG, FETUA

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AHSG Antibody (C-term) Blocking peptide - Protein Information

Name AHSG

Synonyms FETUA

Function

Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows affinity for calcium and barium ions.

Cellular Location

Secreted.

Tissue Location

Synthesized in liver and selectively concentrated in bone matrix. Secreted in plasma. It is also found in dentin in much higher quantities than other plasma proteins

AHSG Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

AHSG Antibody (C-term) Blocking peptide - Images

AHSG Antibody (C-term) Blocking peptide - Background

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. However, its exact significance is still obscure.

AHSG Antibody (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Verduijn, M., et al. Nephrol. Dial. Transplant. (2010) In press : Wang, Y., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 27(3):310-315(2010) Voigt, M., et al. Histopathology 56(6):775-788(2010) Kusnierz-Cabala, B., et al. Clin. Lab. 56 (5-6), 191-195 (2010) :