

## Product datasheet for **TA349461**

### Fetuin A (AHSG) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Human plasma tissue IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human AHSG
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	39 kDa
Gene Name:	alpha 2-HS glycoprotein
Database Link:	<a href="#">NP_001613</a> <a href="#">Entrez Gene 197 Human</a> <a href="#">P02765</a>



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**Background:**

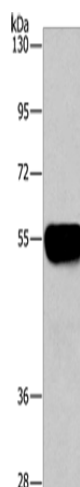
Alpha2-HS glycoprotein (AHSG), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHSG molecule consists of two polypeptide chains, which are both cleaved from a proprotein encoded from a single mRNA. It is involved in several functions, such as endocytosis, brain development and 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.

**Synonyms:**

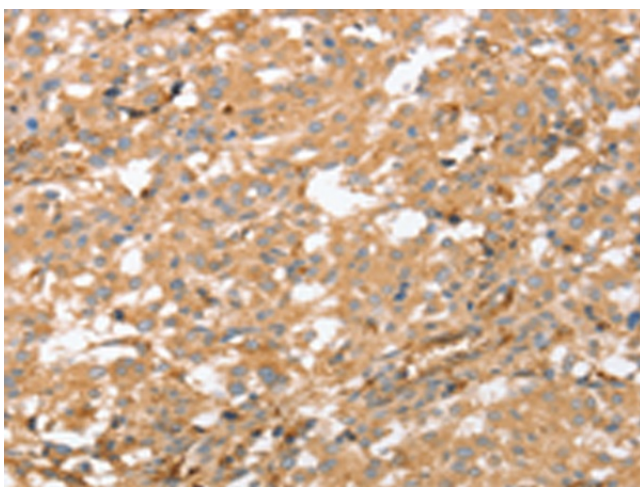
A2HS; AHS; FETUA; HSGA

**Protein Families:**

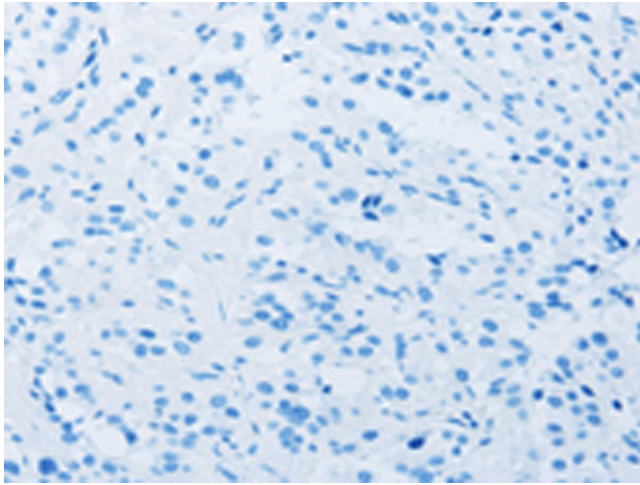
Druggable Genome, Secreted Protein

**Product images:**


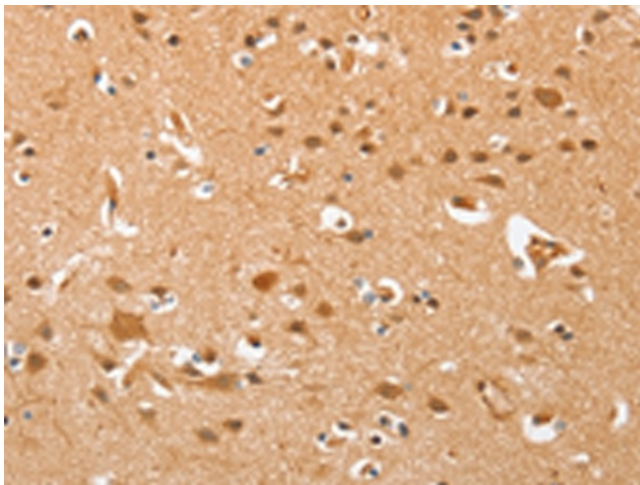
Gel: 10%SDS-PAGE  
Lysate: 2 µg  
Lane: Human plasma tissue  
Primary antibody: TA349461 (AHSG Antibody) at dilution 1/1450  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 10 seconds



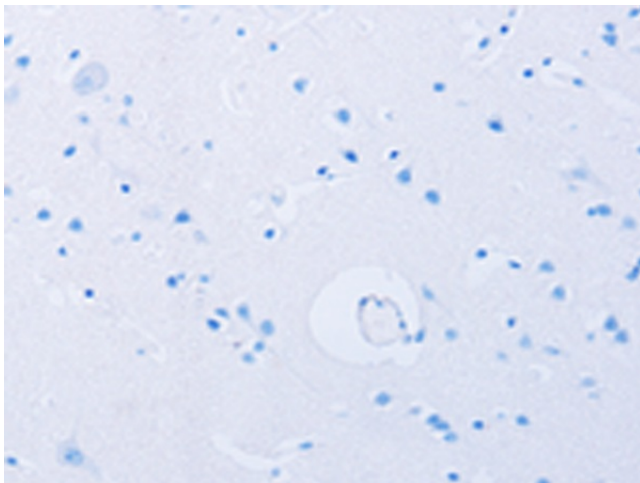
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349461 (AHSG Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349461 (AHSG Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA349461 (AHSG Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA349461 (AHSG Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)