

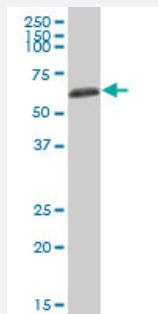
MaxPab®

# AHSG MaxPab mouse polyclonal antibody (B01)

Catalog # H00000197-B01

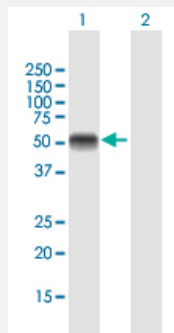
Size 50 uL

## Applications



### Western Blot (Tissue lysate)

AHSG MaxPab polyclonal antibody. Western Blot analysis of AHSG expression in human liver.



### Western Blot (Transfected lysate)

Western Blot analysis of AHSG expression in transfected 293T cell line ([H00000197-T01](#)) by AHSG MaxPab polyclonal antibody.

Lane 1: AHSG transfected lysate(40.37 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human AHSG protein.

### Immunogen

AHSG (AAH48198.1, 1 a.a. ~ 367 a.a) full-length human protein.

### Sequence

MKSLVLLLCLAQLWGCHSAPHGPGLYRQPNCDDEPETEEAALVAIDYINQNLPGWGYKHTLNQIDEV  
KVWPQQPSGELFEIEIDTLETTCHVLDPTPVARCSVRQLKEHAVEGDCDFQLLKLDGKFSVYAK  
CDSSPDSAEDVRKVCQDCPLLAPLNDTRVVHAAKAALAFNAQNNGSNFQLEEISRAQLVPLPP  
STYVEFTVSGTDCVAKEATEAAKCNLLAEKQYGFCKATLSEKLGGAEVAVTCTVFQTQPVTSQP  
QPEGANEAVPTPVVDPDAPPSPPLGAPGLPPAGSPDPSHVLLAAPPQHLHRAHYDLRHTFMG  
VVLGSPSGEVSHPRKTRTVVQPSVGAAAGPVVPPCPGRIRHFKV

### Host

Mouse

|                               |                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------|
| Reactivity                    | Human                                                                                          |
| Interspecies Antigen Sequence | Mouse (58)                                                                                     |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                        |
| Storage Buffer                | No additive                                                                                    |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                       |
| Note                          | For IHC and IF applications, antibody purification with Protein A will be needed prior to use. |

## Applications

- Western Blot (Tissue lysate)

AHSG MaxPab polyclonal antibody. Western Blot analysis of AHSG expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AHSG expression in transfected 293T cell line ([H00000197-T01](#)) by AHSG MaxPab polyclonal antibody.

Lane 1: AHSG transfected lysate(40.37 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — AHSG

|                     |                            |
|---------------------|----------------------------|
| Entrez GeneID       | <a href="#">197</a>        |
| GeneBank Accession# | <a href="#">BC048198.1</a> |
| Protein Accession#  | <a href="#">AAH48198.1</a> |
| Gene Name           | AHSG                       |
| Gene Alias          | A2HS, AHS, FETUA, HSGA     |
| Gene Description    | alpha-2-HS-glycoprotein    |
| Omim ID             | <a href="#">138680</a>     |
| Gene Ontology       | <a href="#">Hyperlink</a>  |

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

Alpha-2HS-glycoprotein|fetuin-A

**Disease**

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Body Weight](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Disease](#)
- [Delayed Graft Function](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Endometriosis](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Malnutrition](#)

- [Metabolic Syndrome X](#)
- [Nephrolithiasis](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Postoperative Complications](#)
- [Thinness](#)
- [Tobacco Use Disorder](#)
- [Vascular Diseases](#)