

## Product datasheet for **AP05373PU-N**

### Asialofetuin Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> 1/1000-1/4000.
Reactivity:	Bovine
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Native
Specificity:	This antibody recognizes: Asialofetuin: 100% Fetuin (ab at 1/2000): 100% Fetuin (ab at 1/8000): 50%
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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**Background:**

Alpha2-HS glycoprotein (AHS2G), a glycoprotein present in the serum, is synthesized by hepatocytes. The AHS2G 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. It promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. It shows affinity for calcium and barium ions.