

**AP05373PU-N****Polyclonal Antibody to Asialofetuin - Purified**

|                            |   |
|----------------------------|---|
| <b>Quantity:</b>           | 1 ml  |
| <b>Concentration:</b>      | 5.0 mg/ml   |
| <b>Background:</b>         | 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. It promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. It shows affinity for calcium and barium ions. |
| <b>Host / Isotype:</b>     | Sheep / IgG   |
| <b>Immunogen:</b>          | Native  |
| <b>Format:</b>             | <b>State:</b> Liquid purified IgG fraction.<br><b>Purification:</b> Affinity Chromatography on Protein G.<br><b>Buffer System:</b> Phosphate buffered saline containing 0.09% Sodium Azide as preservative.   |
| <b>Applications:</b>       | <b>ELISA:</b> 1/1000-1/4000.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.  |
| <b>Specificity:</b>        | This antibody recognizes:<br>Asialofetuin: 100%<br>Fetuin (ab at 1/2000): 100%<br>Fetuin (ab at 1/8000): 50%  |
| <b>Species Reactivity:</b> | <b>Tested:</b> Bovine.  |
| <b>Storage:</b>            | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.  |