

## FETUA rabbit pAb

|                              |   |
|------------------------------|---|
| <b>Catalog No :</b>          | YT7953  |
| <b>Reactivity :</b>          | Human;Rat;Mouse;  |
| <b>Applications :</b>        | WB;ELISA  |
| <b>Target :</b>              | FETUA   |
| <b>Gene Name :</b>           | AHSG FETUA PRO2743  |
| <b>Protein Name :</b>        | FETUA   |
| <b>Human Gene Id :</b>       | 197   |
| <b>Human Swiss Prot No :</b> | P02765  |
| <b>Mouse Gene Id :</b>       | 11625   |
| <b>Mouse Swiss Prot No :</b> | P29699  |
| <b>Rat Gene Id :</b>         | 25373   |
| <b>Rat Swiss Prot No :</b>   | P24090  |
| <b>Immunogen :</b>           | Synthesized peptide derived from human FETUA  |
| <b>Specificity :</b>         | This antibody detects endogenous levels of Human FETUA  |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG  |
| <b>Dilution :</b>            | WB 1:1000-2000 ELISA 1:5000-20000   |
| <b>Purification :</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

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| <b>Concentration :</b>        | 1 mg/ml   |
| <b>Storage Stability :</b>    | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| <b>Molecularweight :</b>      | 40kD  |
| <b>Background :</b>           | <p>function:Promotes endocytosis, possesses opsonic properties and influences the mineral phase of bone. Shows affinity for calcium and barium ions.,polymorphism:There are two common alleles, AHSG*1 and AHSG*2. AHSG*1 has Thr-248/Thr-256; AHSG*2 has Met-248/Ser-256.,similarity:Belongs to the fetuin family.,similarity:Contains 2 cystatin domains.,subunit:Alpha-2-HS glycoprotein derives from this precursor, when the connecting peptide is cleaved off. The two chains A and B are held together by a single disulfide bond.,tissue specificity:Synthesized in liver and selectively concentrated in bone matrix. Secrete din plasma. It is also found in dentin in much higher quantities than other plasma proteins.,</p>  |
| <b>Function :</b>             | <p>skeletal system development, ossification, acute inflammatory response, reproductive developmental process,endocytosis, pinocytosis, defense response, acute-phase response, inflammatory response, sex differentiation, gonad development, male gonad development, response to wounding, response to endogenous stimulus, response to hormone stimulus, negative regulation of signal transduction, response to organic substance, membrane invagination,negative regulation of cell communication, membrane organization, vesicle-mediated transport, telencephalon development, pallium development, cerebral cortex development, regulation of endocytosis, regulation of ossification,negative regulation of ossification, regulation of bone mineralization, negative regulation of bone mineralization,forebrain development, regulation of response to external stimulus, regulation of homeostatic process, positive regula</p> |
| <b>Subcellular Location :</b> | Secreted.   |
| <b>Expression :</b>           | 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.  |
| <b>Sort :</b>                 | 6003  |
| <b>No4 :</b>                  | 1   |
| <b>Host :</b>                 | Rabbit  |
| <b>Modifications :</b>        | Unmodified  |

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