

Product datasheet for **AP14345PU-N**

Igfbp3 (N-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | IHC, WB |
| Recommended Dilution: | ELISA: 1/1,000. Western blotting: 1/50-1/100. Immunohistochemistry: 1/10-1/50. |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 171~200 amino from the N-terminal region of Rat IGFBP3. |
| Specificity: | This antibody reacts to IGFBP3. |
| Formulation: | PBS with 0.09% (W/V) Sodium Azide State: Purified State: Liquid purified Ig fraction |
| Concentration: | lot specific |
| Purification: | Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS |
| 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. |
| Gene Name: | insulin-like growth factor binding protein 3 |
| Database Link: | P15473 |



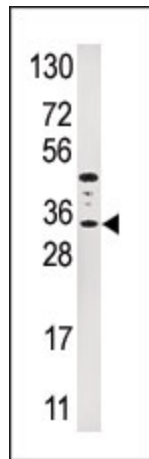
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Background: IGFBP3 is a member of the insulin-like growth factor binding protein (IGFBP) family with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors.

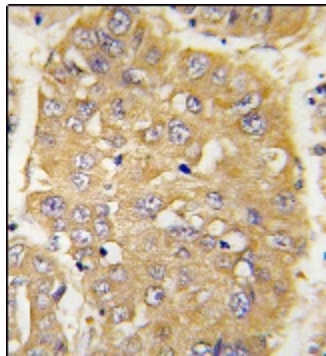
Synonyms: IGFBP-3, IGF-BP3, IBP3, Insulin-like growth factor-binding protein 3, IGF-binding protein 3, IBP-3

Note: Calculated Molecular Weight: 31680 Da

Product images:



Western blot analysis of IGFBP3 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). IGFBP3 (arrow) was detected using the purified Pab (1/60 dilution).



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with IGFBP3 Antibody (N-term) which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.