

# Product Datasheet

## IGFBP-rp1/IGFBP-7 Antibody

### NB100-94904

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-94904**

## IGFBP-rp1/IGFBP-7 Antibody

| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 mg   |
| Concentration       | 0.5 mg/ml  |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.               |
| Clonality           | Polyclonal   |
| Preservative        | 0.02% Sodium Azide                                     |
| Isotype             | IgG  |
| Purity              | Immunogen affinity purified                            |
| Buffer              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

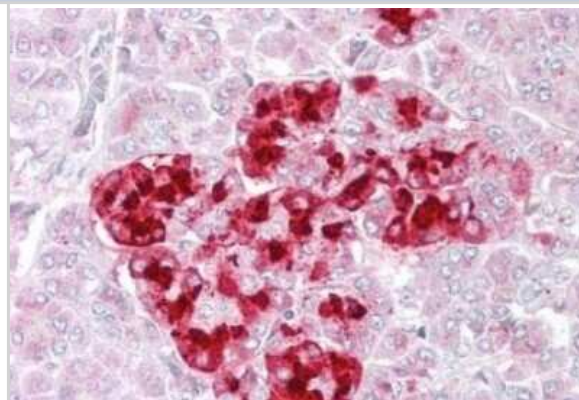
| Product Description |  |
|---------------------|--|
| Host                | Goat   |
| Gene ID             | 3490   |
| Gene Symbol         | IGFBP7   |
| Species             | Human  |
| Reactivity Notes    | Expected from sequence similarity: Bovine  |
| Immunogen           | Peptide with sequence C-NKVKRGHYGVQRTE corresponding to internal region according to NP_001544.1 . |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA  |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin 2.5ug/ml, Peptide ELISA Detection limit 1:16000   |
| Application Notes           | Western blot: Preliminary experiments gave an approx 50kDa band in Human Kidney, Spleen, Ovary, Prostate and Testis lysates after 0.5ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 29.1kDa according to NP_001544.1. The 50kDa band was successfully blocked by incubation with the immunizing peptide.<br>IHC: Paraffin embedded Human Tonsil and Pancreas. |



## Images

Immunohistochemistry-Paraffin: IGFBP-rp1/IGFBP-7 Antibody [NB100-94904] - (2.5ug/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: IGFBP-rp1/IGFBP-7 Antibody [NB100-94904] - (2.5ug/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Ruan W, Xu E, Xu F et al. IGFBP7 plays a potential tumor suppressor role in colorectal carcinogenesis. *Cancer Biol Ther* 2007-03-01 [PMID: 17312390]



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### **Products Related to NB100-94904**

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|                 |  |
|-----------------|--|
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control   |
| NBP2-35007-5ug  | Recombinant Human IGFBP-rp1/IGFBP-7 Protein                            |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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