

# Product Datasheet

## IGFBP-1 Antibody - BSA Free NBP2-33475

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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Updated 2/23/2025 v.20.1

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**NBP2-33475**

IGFBP-1 Antibody - BSA Free

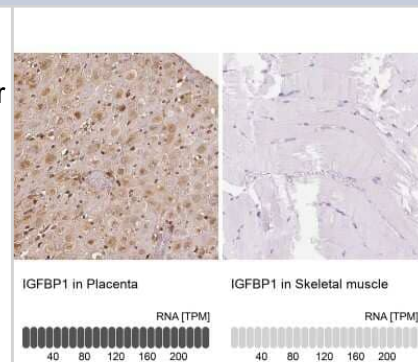
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Polyclonal   |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG  |
| Purity              | Immunogen affinity purified  |
| Buffer              | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |  |
|---------------------|--|
| Host                | Rabbit   |
| Gene ID             | 3484   |
| Gene Symbol         | IGFBP1   |
| Species             | Human  |
| Reactivity Notes    | Reactivity reported in scientific literature (PMID: 24743550).   |
| Immunogen           | This antibody was developed against a recombinant protein corresponding to amino acids:<br>QQPLHALTRGQGACVQESDASAPHAEEAGSPESPESTEITEEELLDNFHLMAP<br>SEEDHSILWDAISTYDGS |

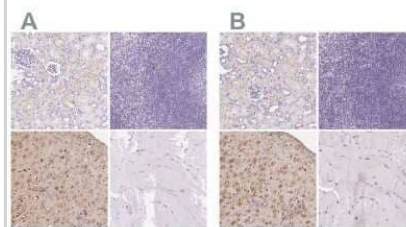
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                             |

**Images**

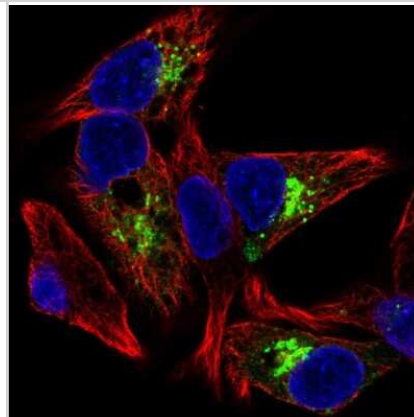
Immunohistochemistry-Paraffin: IGFBP-1 Antibody [NBP2-33475] - Staining in human placenta and skeletal muscle tissues using NBP2-33475 antibody. Corresponding IGFBP1 RNA-seq data are presented for the same tissues.



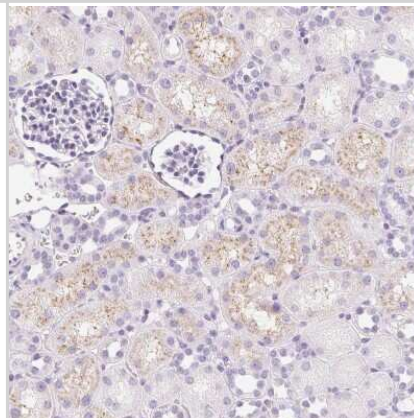
Immunohistochemistry-Paraffin: IGFBP-1 Antibody [NBP2-33475] - Staining of human kidney, lymphoid tissues, placenta and skeletal muscle using Anti-IGFBP1 antibody NBP2-33475 (A) shows similar protein distribution across tissues to independent antibody NBP2-33599 (B).



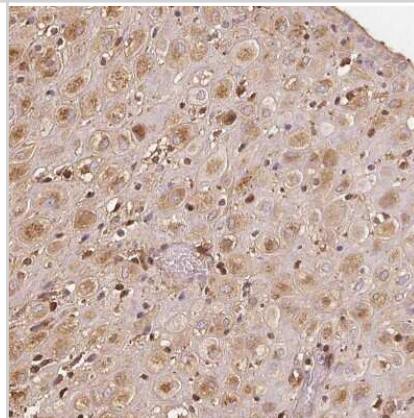
Immunocytochemistry/Immunofluorescence: IGFBP-1 Antibody [NBP2-33475] - Staining of human cell line Hep G2 shows localization to the Golgi apparatus. Antibody staining is shown in green.



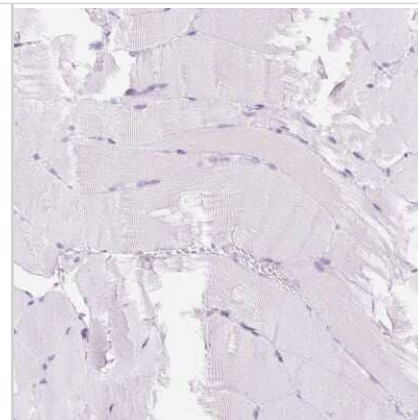
Immunohistochemistry-Paraffin: IGFBP-1 Antibody [NBP2-33475] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



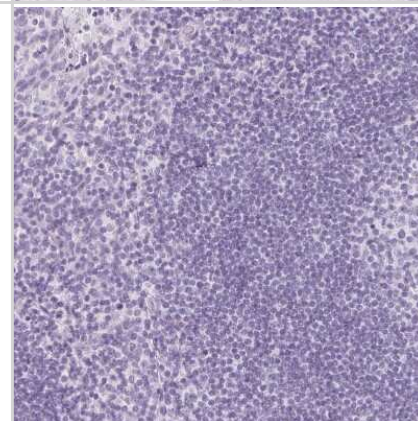
Immunohistochemistry-Paraffin: IGFBP-1 Antibody [NBP2-33475] - Staining of human placenta shows moderate cytoplasmic positivity in decidual cells.



Immunohistochemistry-Paraffin: IGFBP-1 Antibody [NBP2-33475] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: IGFBP-1 Antibody [NBP2-33475] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



## Publications

Ogawa K, Khan KN, Kuroboshi H et al. Is neonatal uterine bleeding responsible for early-onset endometriosis? *Reproductive biology and endocrinology* : RB&E 2023-06-19 [PMID: 37337237] (IHC, Human)

Bachmann J, Burte F, Pramana S et al. Affinity Proteomics Reveals Elevated Muscle Proteins in Plasma of Children with Cerebral Malaria. *PLoS Pathog* 2014-04-01 [PMID: 24743550]



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### **Products Related to NBP2-33475**

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|               |   |
|---------------|---|
| NBP2-33475PEP | IGFBP-1 Recombinant Protein Antigen                 |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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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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