

# Product Datasheet

## NUBP2 Antibody - BSA Free

### NBP1-84533

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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**NBP1-84533**

NUBP2 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  |

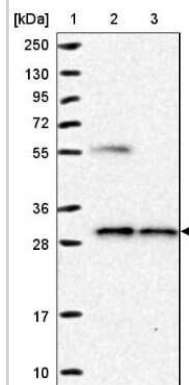
| Product Description |   |
|---------------------|---|
| Host                | Rabbit  |
| Gene ID             | 10101   |
| Gene Symbol         | NUBP2   |
| Species             | Human   |
| Reactivity Notes    | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (88%)                               |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>STISTELALALRHAGKKVGILDVDLCGPSIPRMLGAQGRAVHQCDRGWAPVF |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.                 |

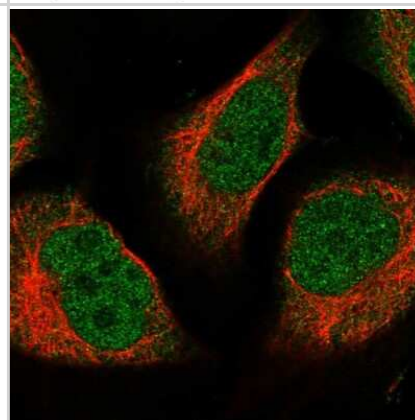


## Images

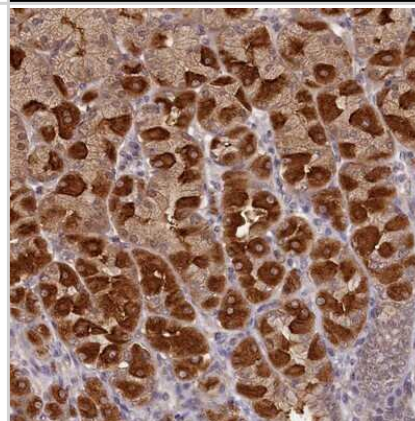
Western Blot: NUBP2 Antibody [NBP1-84533] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



Immunocytochemistry/Immunofluorescence: NUBP2 Antibody [NBP1-84533] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleus & cytosol.



Immunohistochemistry-Paraffin: NUBP2 Antibody [NBP1-84533] - Staining of human stomach shows strong cytoplasmic positivity in parietal cells.



## Publications

Kim K. S, Maio N, et al. Cytosolic HSC20 integrates de novo iron-sulfur cluster biogenesis with the CIAO1-mediated transfer to recipients. *Hum Mol Genet* 2018-03-01 [PMID: 29309586] (WB, Human)

Maio N, Kim KS, Holmes-Hampton G et al. Dimeric ferrochelatase bridges ABCB7 and ABCB10 homodimers in an architecturally defined molecular complex required for heme biosynthesis *Haematologica* 2019-02-14 [PMID: 30765471] (WB, Human)



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### **Products Related to NBP1-84533**

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|               |   |
|---------------|---|
| NBP1-84533PEP | NUBP2 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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