

# Product Datasheet

## ZBTB20 Antibody - BSA Free NBP2-20936

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NBP2-20936**

ZBTB20 Antibody - BSA Free

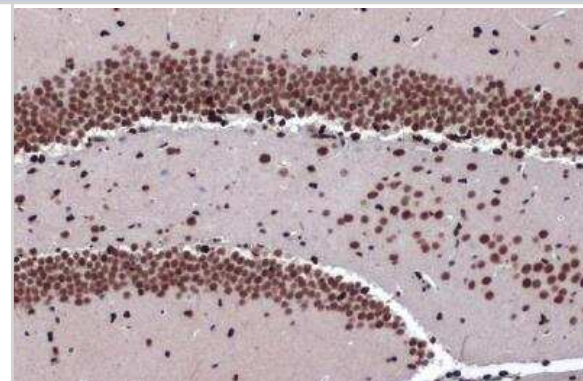
| Product Information            |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml   |
| <b>Concentration</b>           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>               | Polyclonal   |
| <b>Preservative</b>            | 0.025% Proclin 300   |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Antigen Affinity-purified  |
| <b>Buffer</b>                  | PBS, 20% Glycerol  |
| <b>Target Molecular Weight</b> | 81 kDa   |

| Product Description |  |
|---------------------|--|
| <b>Description</b>  | Novus Biologicals Rabbit ZBTB20 Antibody - BSA Free (NBP2-20936) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ZBTB20 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>         | Rabbit   |
| <b>Gene ID</b>      | 26137  |
| <b>Gene Symbol</b>  | ZBTB20   |
| <b>Species</b>      | Human, Mouse, Rat  |
| <b>Immunogen</b>    | Recombinant protein encompassing a sequence within the center region of human ZBTB20. The exact sequence is proprietary.   |

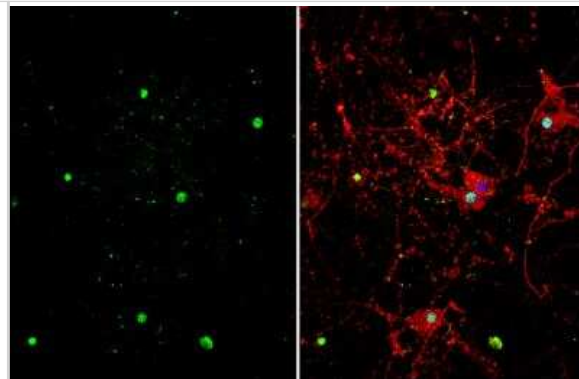
| Product Application Details  |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated   |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockdown Validated Reported in scientific publication (PMID: 32363359) |

**Images**

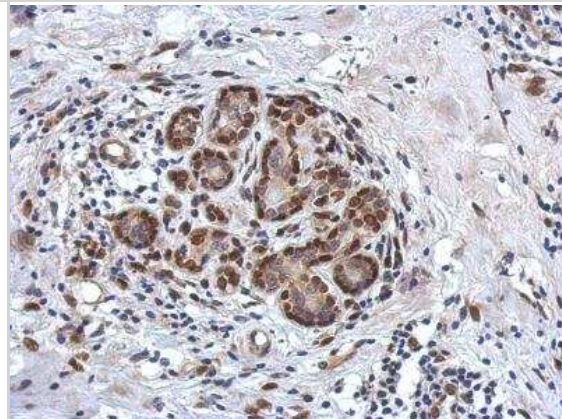
Immunohistochemistry-Paraffin: ZBTB20 Antibody [NBP2-20936] - Mouse hippocampus. ZBTB20 stained by ZBTB20 antibody diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunocytochemistry/Immunofluorescence: ZBTB20 Antibody [NBP2-20936] - ZBTB20 antibody detects ZBTB20 protein by immunofluorescent analysis. Sample: DIV10 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ZBTB20 stained by ZBTB20 antibody diluted at 1:500. Red: Tau, stained by Tau antibody diluted at 1:500. Blue: Fluoroshield with DAPI.



Immunohistochemistry-Paraffin: ZBTB20 Antibody [NBP2-20936] - Human breast cancer, using ZBTB20 antibody at 1:750 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Sample (30 ug of whole cell lysate)

A: NIH-3T3

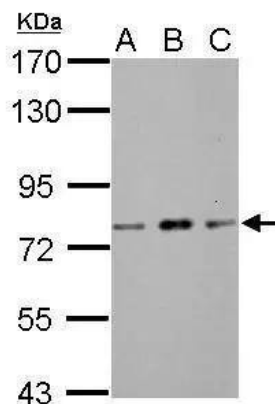
B: JC

C: BCL-1

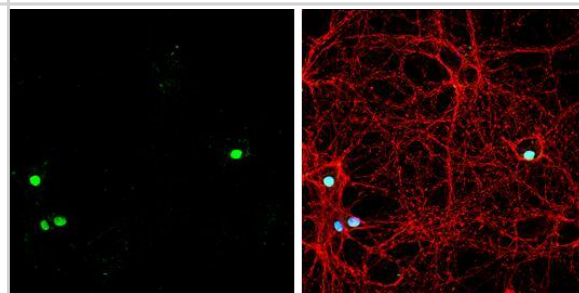
7.5% SDS PAGE

NBP2-20936 diluted at 1:1000

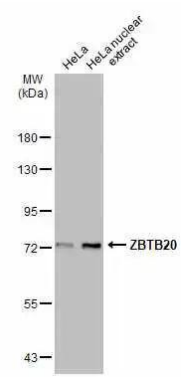
The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



ZBTB20 antibody detects ZBTB20 protein at by immunofluorescent analysis. Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ZBTB20 stained by ZBTB20 antibody (NBP2-20936) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] diluted at 1:500. Blue: Fluoroshield with DAPI .



HeLa whole cell and nuclear extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ZBTB20 antibody (NBP2-20936) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Qiu J, Peng P, Xin M et al. ZBTB20-mediated titanium particle-induced peri-implant osteolysis by promoting macrophage inflammatory responses *Biomater Sci* 2020-06-07 [PMID: 32363359] (WB, IF/IHC, KD, Human)



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### **Products Related to NBP2-20936**

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|             |   |
|-------------|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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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