

# Product Datasheet

## beta-Alanine Antibody - BSA Free NBP3-13408

Unit Size: 100 ul

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

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**NBP3-13408**

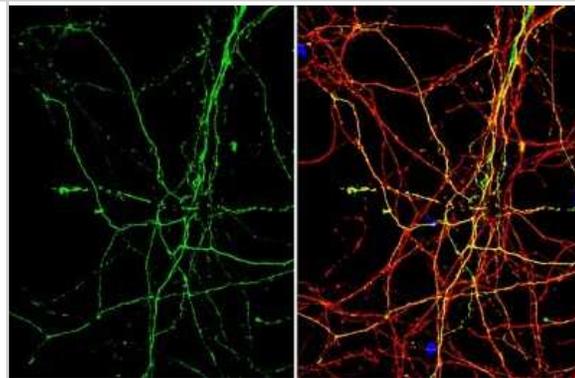
beta-Alanine Antibody - BSA Free

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 100 ul   |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. 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 (pH 7), 20% Glycerol   |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | Centrifuge briefly prior to opening.   |
| <b>Host</b>                        | Rabbit   |
| <b>Species</b>                     | Non-species specific   |
| <b>Immunogen</b>                   | The immunogen used to generate this antibody corresponds to beta-Alanine   |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence   |
| <b>Recommended Dilutions</b>       | ELISA, Immunocytochemistry/ Immunofluorescence, Dot Blot   |

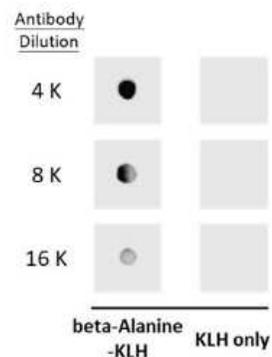


## Images

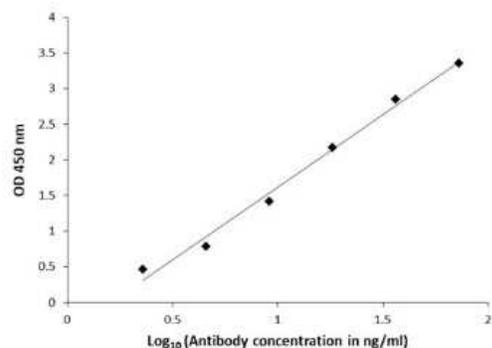
**Immunocytochemistry/Immunofluorescence: beta-Alanine Antibody [NBP3-13408]** - beta-Alanine antibody detects beta-Alanine protein by immunofluorescent analysis. Sample: DIV9 rat E18 primary hippocampal neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: beta-Alanine stained by beta-Alanine antibody (NBP3-13408) diluted at 1:500. Red: Tau, stained by Tau antibody [GT287] diluted at 1:500. Blue: Fluoroshield with DAPI.



**Dot Blot: beta-Alanine Antibody [NBP3-13408]** - Dot blot analysis of 100 ng BSA-conjugated beta-Alanine, using beta-Alanine antibody (NBP3-13408) at 1:4000, 1:8000, and 1:16000.



**ELISA: beta-Alanine Antibody [NBP3-13408]** - ELISA plate is coated with 100 uL of beta-Alanine-carrier protein conjugate at 10 ug/mL. The coated ligand is detected with beta-Alanine antibody (NBP3-13408) at concentrations ranging from 580 ng/mL down to 2.1 ng/mL. Rabbit IgG antibody (HRP) (NBP2-19301) is diluted at 1:2,000 and used to detect the primary antibody.





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### **Products Related to NBP3-13408**

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|            |   |
|------------|---|
| 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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