

# Product Datasheet

## SYT7 Antibody - BSA Free

### NBP1-81588

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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**NBP1-81588**

SYT7 Antibody - BSA Free

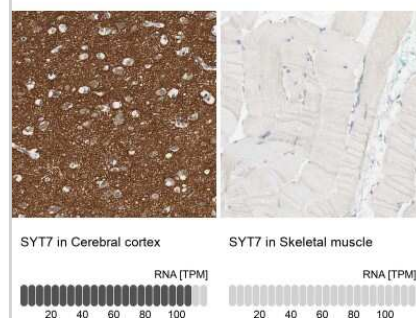
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C 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             | 9066   |
| Gene Symbol         | SYT7   |
| Species             | Human  |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>NSLETVGTDPDSGRGRSEKKAIKLPAGGKAVNTAPVPGQTPHDESDRRTEPRS<br>SVSDLVNSLTSEMLMLSPGSEEDAHEGCSRENLGRIQFSVGYNFQESTLTVKI<br>MKAQELPAKDFSGTSDPFVKIYLLP |

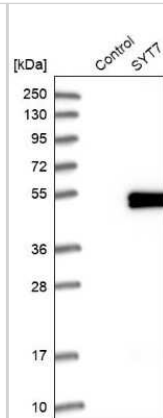
| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.  |

**Images**

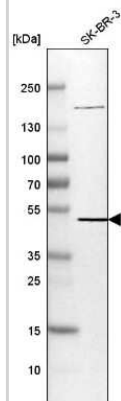
Immunohistochemistry-Paraffin: SYT7 Antibody [NBP1-81588] - Staining in human cerebral cortex and skeletal muscle tissues . Corresponding SYT7 RNA-seq data are presented for the same tissues.



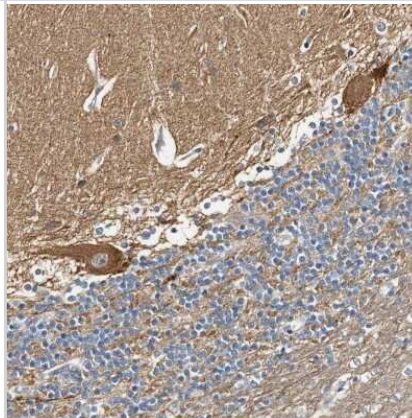
Western Blot: SYT7 Antibody [NBP1-81588] - Analysis in control (vector only transfected HEK293T lysate) and SYT7 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



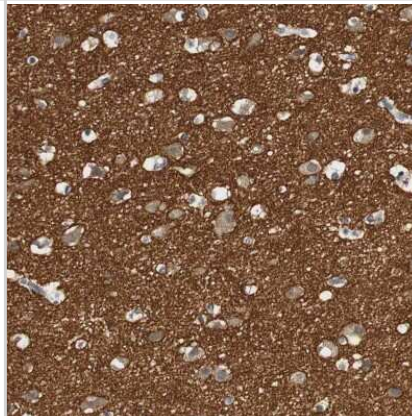
Western Blot: SYT7 Antibody [NBP1-81588] - Analysis in human cell line SK-BR-3.



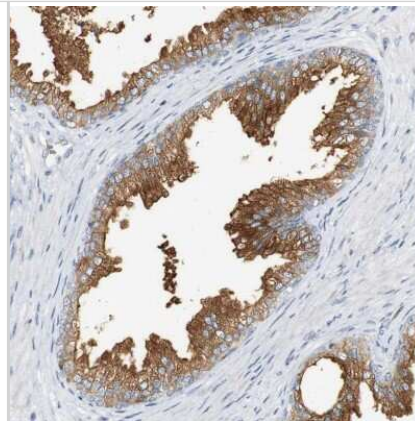
Immunohistochemistry-Paraffin: SYT7 Antibody [NBP1-81588] - Staining of human cerebellum shows moderate to strong cytoplasmic positivity in purkinje cells.



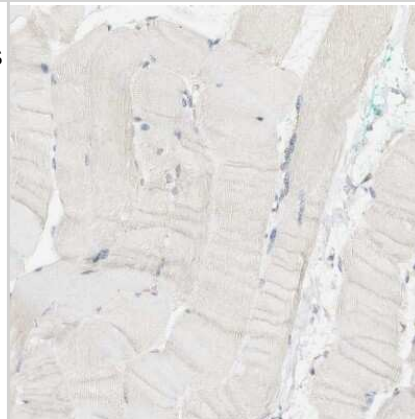
Immunohistochemistry-Paraffin: SYT7 Antibody [NBP1-81588] - Staining of human cerebral cortex shows strong positivity in neuropil.



Immunohistochemistry-Paraffin: SYT7 Antibody [NBP1-81588] - Staining of human prostate shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: SYT7 Antibody [NBP1-81588] - Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-81588**

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|               |   |
|---------------|---|
| NBP1-81588PEP | SYT7 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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