

# Anti-Vesicular Monoamine Transporter 2, C-terminus (VMAT2) Antibody

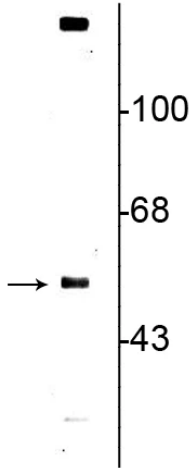


## Product Details

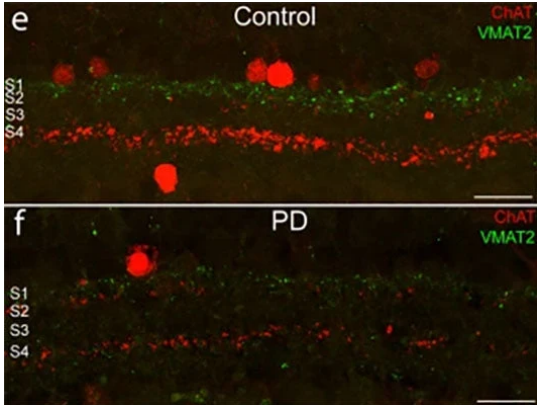
|                    |                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:2250-VMAT2C)<br>25 µL (SKU:2250-VMAT2Ct)                                                                                                           |
| Conjugate          | Unconjugated                                                                                                                                                   |
| Isotype            | IgG                                                                                                                                                            |
| Gene Name          | VMAT2                                                                                                                                                          |
| Host Species       | Sheep                                                                                                                                                          |
| Format             | Antigen Affinity Purified from Pooled Serum                                                                                                                    |
| Physical State     | Liquid                                                                                                                                                         |
| Buffer             | 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.                                                                                         |
| Production Notes   | Prepared from pooled sheep serum by affinity purification using a column to which the peptide immunogen was coupled.                                           |
| Applications       | ELISA, IHC, WB                                                                                                                                                 |
| Dilution Ranges    | WB: 1:1000<br>WB Brain: 1:1000<br>IHC: 1:200                                                                                                                   |
| Species Reactivity | Human, Rat                                                                                                                                                     |
| Immunogen          | Synthetic peptide corresponding to amino acid residues from the intracellular C-terminal region of human VMAT2, conjugated to keyhole limpet hemocyanin (KLH). |
| Specificity        | Specific for endogenous levels of the ~57 kDa VMAT2 protein.                                                                                                   |
| Molecular Weight   | 57 kDa                                                                                                                                                         |
| Quality Control    | Western blots performed on each lot.                                                                                                                           |

|                             |                                                                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>              | Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.                 |
| <b>Antibody Registry ID</b> | AB_2492286                                                                                                                                                             |
| <b>UniProt ID</b>           | <a href="#">Q05940</a>                                                                                                                                                 |
| <b>Shipping</b>             | Blue Ice                                                                                                                                                               |
| <b>Expiration</b>           | After date of receipt, stable for at least 1 year at -20°C.                                                                                                            |
| <b>Usage Statement</b>      | For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website. |
| <b>NCBI Gene ID</b>         | 6571                                                                                                                                                                   |

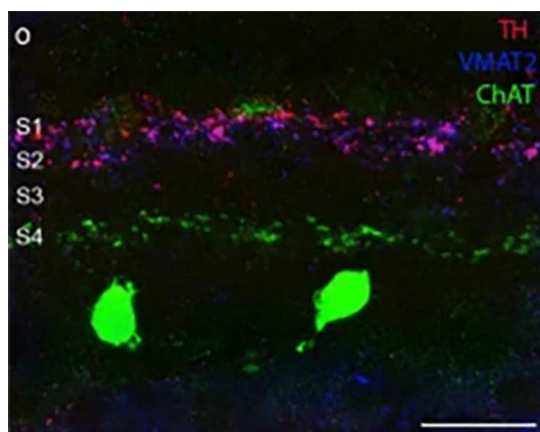
### Product Images



Western blot of rat striatal lysate showing specific immunolabeling of the ~57 kDa VMAT2 protein.



Immunostaining against ChAT (red) and VMAT2 (Cat. 2250-VMAT2C, 1:200, green) in retinal sections of control (e) and Parkinson's Disease (f) patients. Image from publication CC-BY-4.0. [PMID: 37013599](#)



Retinal sections immunostained against TH (red), ChAT (green) and vesicular monoamine transporter 2 (VMAT2, blue). S1/S2: stratum 1 and 2 in the IPL. S3/S4: stratum 3 and 4 in the IPL. Scale bar: 20  $\mu$ m. Image from publication CC-BY-4.0. [PMID: 37013599](#)

Product Page URL: [www.antibodiesinc.com/products/anti-vesicular-monoamine-transporter-2-c-terminus-vmat2-antibody-2250-vmat2c](http://www.antibodiesinc.com/products/anti-vesicular-monoamine-transporter-2-c-terminus-vmat2-antibody-2250-vmat2c)



Created on 09. September 2026 | All information without guarantee