

VGAT Monoclonal Antibody (CL2793)

| Product Details | |
|--------------------|--|
| Size | 100 µL |
| Species Reactivity | Human, Mouse, Rat |
| Published Species | Human |
| Host/Isotype | Mouse / IgG1 |
| Class | Monoclonal |
| Type | Antibody |
| Clone | CL2793 |
| Conjugate | Unconjugated |
| Immunogen | Recombinant protein corresponding to Human VGAT |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | Protein A |
| Storage buffer | PBS, pH 7.2, with 40% glycerol |
| Contains | 0.02% sodium azide |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID | AB_2637258 |

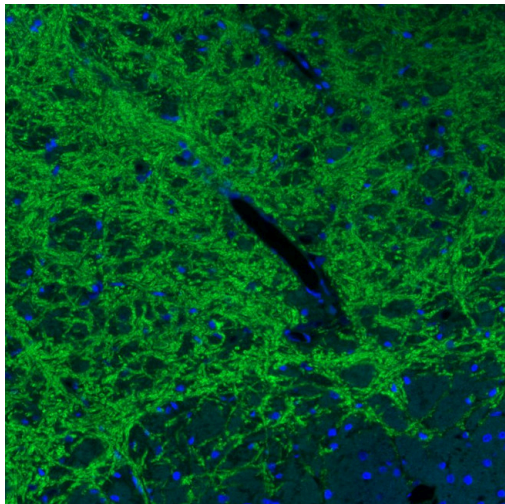
| Applications | Tested Dilution | Publications |
|------------------------------|-----------------|---------------|
| Immunohistochemistry (IHC) | 1:50-1:200 | - |
| Immunocytochemistry (ICC/IF) | - | 1 Publication |

Product Specific Information

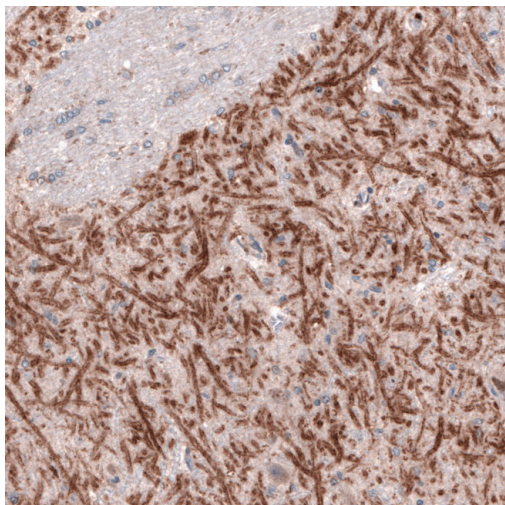
Immunogen sequence: ATSVSNKSQA KMSGMFARMG FQAATDEEAV GFAHCDDLDF EHRQGLQMDI LKAEGEPCGD EGAEAPVEGD IHYQRGSGAP LPPSGSKDQV G

Highest antigen sequence identity to the following orthologs: Mouse - 95%, Rat - 93%.

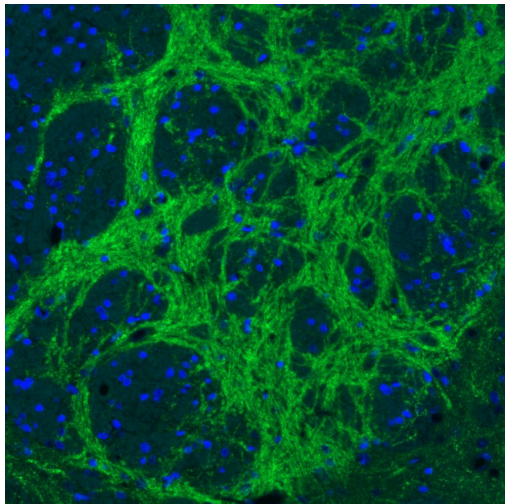
Product Images For VGAT Monoclonal Antibody (CL2793)



VGAT Antibody (MA5-24643) in IHC
Immunofluorescence staining of VGAT in rat midbrain using VGAT Monoclonal Antibody (CL2793) (Product # MA5-24643) shows strong positivity in GABAergic fibers in substantia nigra, pars reticulata.



VGAT Antibody (MA5-24643) in IHC
Immunohistochemical staining of VGAT in human midbrain using VGAT Monoclonal Antibody (CL2793) (Product # MA5-24643) shows positivity in GABAergic fibers in substantia nigra, pars reticulata.



VGAT Antibody (MA5-24643) in IHC
Immunofluorescence staining of VGAT in rat basal forebrain using VGAT Monoclonal Antibody (CL2793) (Product # MA5-24643) shows strong positivity in GABAergic fibers in the globus pallidus.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Immunocytochemistry (1)

International journal of molecular sciences

NPFF Decreases Activity of Human Arcuate NPY Neurons: A Study in Embryonic-Stem-Cell-Derived Model.

"MA5-24643 was used in Immunocytochemistry-immunofluorescence to demonstrate the use of human-stem-cell-derived neurons in pharmacological applications and the potential of this model to address functional aspects of human hypothalamic neurons."

Authors: Torz L,Niss K,Lundh S,Rekling JC,Quintana CD,Frazier SED,Mercer AJ,Cornea A,Bertelsen CV,Gerstenberg MK,Hansen AMK,Guldbrandt M,Lykkesfeldt J,John LM,Villaescusa JC,Petersen N

Year
2022

Species
Human

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.