

# Rabbit anti-Human SLC6A3/Dopamine Transporter Polyclonal Antibody | anti-SLC6A3 antibody

SLC6A3/Dopamine Transporter Rabbit anti-Human Polyclonal Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA163181</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

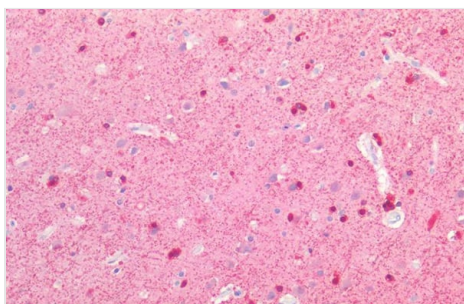
## PRODUCT SYNONYMS

SLC6A3/Dopamine Transporter; Polyclonal Antibody; SLC6A3/Dopamine Transporter Rabbit anti-Human Polyclonal Antibody; IHC-plus SLC6A3/Dopamine Transporter Antibody; SLC6A3; DA transporter; DAT1; DAT; anti-SLC6A3 antibody

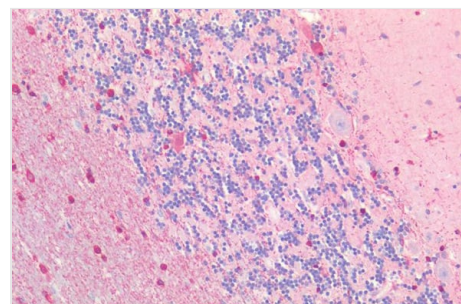
## PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                           |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                    |
| Reactivity                                       | Human                                                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                                                |
| Purity/Purification                              | Immunoaffinity purified                                                                                                                                   |
| Form/Format                                      | PBS, 0.1% Sodium Azide                                                                                                                                    |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                                                                    |
| Applicable Applications for anti-SLC6A3 antibody | IHC (Immunohistochemistry)                                                                                                                                |
| Target                                           | Human SLC6A3/Dopamine Transporter                                                                                                                         |
| Immunogen                                        | LP-12599, synthetic peptide                                                                                                                               |
| Conjugation                                      | Unconjugated                                                                                                                                              |
| Family                                           | Transporter                                                                                                                                               |
| Subfamily                                        | Neurotransmitter:sodium symporter                                                                                                                         |
| Preparation and Storage                          | Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles. |

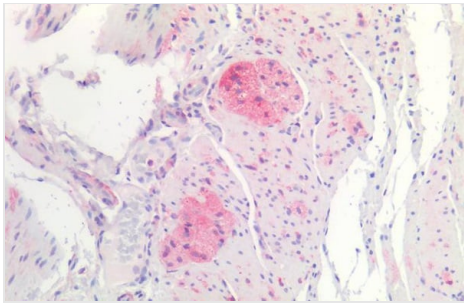
## IMAGES



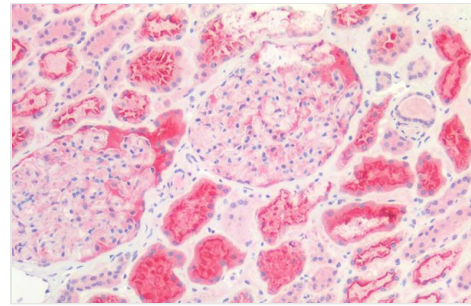
**IHC (Immunohistochemistry)**  
SLC6A3/Dopamine Transporter Antibody-Human Brain, Cortex: Formalin-Fixed, Paraffin-Embedded (FFPE)



**IHC (Immunohistochemistry)**  
SLC6A3/Dopamine Transporter Antibody-Human Brain, Cerebellum: Formalin-Fixed, Paraffin-Embedded (FFPE)



**IHC (Immunohistochemistry)**  
SLC6A3/Dopamine Transporter Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



**IHC (Immunohistochemistry)**  
SLC6A3/Dopamine Transporter Antibody-Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                           |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-SLC6A3 antibody</b> | Dopamine Transporter antibody is an unconjugated rabbit polyclonal antibody to Dopamine Transporter (SLC6A3) from human. Validated for IHC. Tested on 20 paraffin-embedded human tissues. |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 4507041                                                                                 |
| <b>NCBI GeneID</b>                      | 6531                                                                                    |
| <b>NCBI Accession #</b>                 | NP_001035.1                                                                             |
| <b>NCBI GenBank Nucleotide #</b>        | NM_001044                                                                               |
| <b>UniProt Accession #</b>              | Q01959; Q14996; A2RUN4                                                                  |
| <b>Molecular Weight</b>                 | 68,495 Da                                                                               |
| <b>NCBI Official Full Name</b>          | sodium-dependent dopamine transporter                                                   |
| <b>NCBI Official Synonym Full Names</b> | solute carrier family 6 (neurotransmitter transporter, dopamine), member 3              |
| <b>NCBI Official Symbol</b>             | SLC6A3                                                                                  |
| <b>NCBI Official Synonym Symbols</b>    | DAT; DAT1; PKDYS                                                                        |
| <b>NCBI Protein Information</b>         | sodium-dependent dopamine transporter; DA transporter; solute carrier family 6 member 3 |
| <b>UniProt Protein Name</b>             | Sodium-dependent dopamine transporter                                                   |
| <b>UniProt Gene Name</b>                | <b>SLC6A3</b>                                                                           |
| <b>UniProt Synonym Gene Names</b>       | DAT1; DA transporter; DAT                                                               |
| <b>UniProt Entry Name</b>               | SC6A3_HUMAN                                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc6a3-dopamine-transporter-antibody-immunohistochemistry-elisa/163181>