

Datasheet for ABIN5010662

**anti-SLC6A4 antibody (AA 401-500) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                          |
| Target:              | SLC6A4                                                                          |
| Binding Specificity: | AA 401-500                                                                      |
| Reactivity:          | Human, Rat, Mouse, Chicken                                                      |
| Host:                | Rabbit                                                                          |
| Clonality:           | Polyclonal                                                                      |
| Conjugate:           | This SLC6A4 antibody is conjugated to AbBy Fluor® 680                           |
| Application:         | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human 5-HTT |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Chicken, Human, Mouse, Rat                                |
| Predicted Reactivity: | Dog,Cow,Sheep,Pig,Guinea Pig                              |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Target:           | SLC6A4                                                                           |
| Alternative Name: | SLC6A4/5-HTT ( <a href="#">SLC6A4 Products</a> )                                 |
| Background:       | Synonyms: HTT, 5HTT, OCD1, SERT, 5-HTT, SERT1, hSERT, 5-HTTLPR, Sodium-dependent |

## Target Details

serotonin transporter, 5HT transporter, Solute carrier family 6 member 4, SLC6A4

Background: Serotonin transporter whose primary function in the central nervous system involves the regulation of serotonergic signaling via transport of serotonin molecules from the synaptic cleft back into the pre-synaptic terminal for re-utilization. Plays a key role in mediating regulation of the availability of serotonin to other receptors of serotonergic systems.

Terminates the action of serotonin and recycles it in a sodium-dependent manner.

Gene ID: 6532

UniProt: [P31645](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months