

Datasheet for ABIN940564

**anti-SLC6A3 antibody (Internal Region)****1** Image[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	SLC6A3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SLC6A3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	SLC6A3 / DAT
Immunogen:	Peptide with sequence C-QLTSSTLTNP RQSP, from the internal region (near N Terminus) of the protein sequence according to NP_001035.1.
Sequence:	QLTSSTLTNP RQSP
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	SLC6A3
Alternative Name:	SLC6A3 ( <a href="#">SLC6A3 Products</a> )
Background:	SLC6A3, solute carrier family 6 (neurotransmitter transporter, dopamine), member 3, DAT, DAT1, DA transporter, sodium-dependent dopamine transporter, solute carrier family 6 member 3
Gene ID:	6531
NCBI Accession:	<a href="#">NP_001035</a>
Pathways:	<a href="#">Dopaminergic Neurogenesis</a>

## Application Details

Application Notes:	Western Blot: Approx 85 kDa band observed in Human Brain (Substantia nigra) lysates (calculated MW of 68.5 kDa according to NP_001035.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Mazei-Robison e Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN940564 (1µg/ml) staining of Human Substantia nigra lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.