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Datasheet for ABIN735985  
**anti-SLC6A4 antibody (AA 401-500) (Biotin)**

## 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 Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (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

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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.

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Gene ID: 6532

UniProt: [P31645](#)

## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

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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 for 12 months.

Expiry Date: 12 months