

# Product Datasheet

## SLC6A4/5-HTTLPR/Serotonin transporter Antibody - BSA Free NBP3-05546-100ul

Unit Size: 100 ul

Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-05546-100ul**

SLC6A4/5-HTTLPR/Serotonin transporter Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.035% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	68 kDa

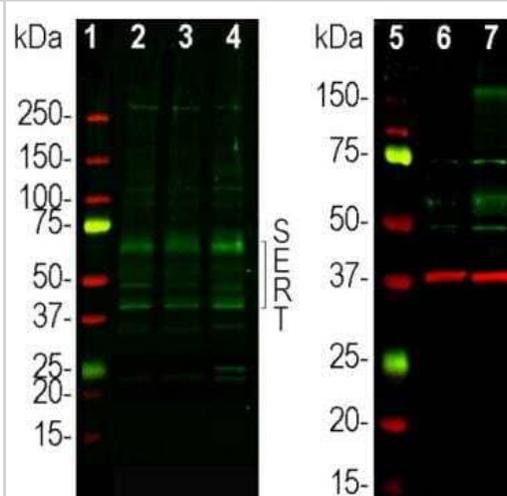
Product Description	
Host	Rabbit
Gene ID	6532
Gene Symbol	SLC6A4
Species	Human, Mouse, Rat, Bovine
Immunogen	KSITPETPTEIPCGDIRLNAV coupled to KLH

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence 1:2000-5000

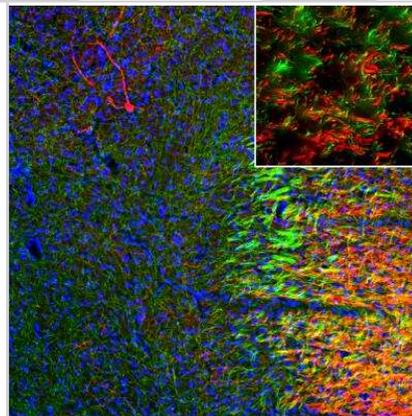


## Images

Western Blot: SLC6A4/5-HTTLPR/Serotonin transporter Antibody [NBP3-05546] - Different tissue and cell lysates using NBP3-05546 at a dilution of 1:1,000 in green. Left: [1] protein standard, [2] rat brain caudate/putmen region, [3] rat brain striatum region and [4] mouse brain. The prominent band at ~68kDa corresponds to SLC6A4 protein, and lower bands are likely are proteolytic products of SLC6A4. [5] protein standard, [6] non-transfected HEK293 cells and [7] HEK293 cells transfected with an expression construct containing a Myc-DDK tagged full length human SLC6A4 cDNA. The bands between 50-75kDa mark in the transfected cells demonstrate overexpression of SLC6A4, and the band at about 150kDa presumably corresponds to an aggregated form of SLC6A4. The blot was probed with mouse mAb to GAPDH at a dilution of 1:5,000, in red, which reveals the single band at ~37kDa in both transfected and non-transfected cells. Note that HEK293 cells express endogenously (7).



Immunocytochemistry/Immunofluorescence: SLC6A4/5-HTTLPR/Serotonin transporter Antibody [NBP3-05546] - Immunofluorescent analysis of a rat brain section stained with SLC6A4/5-HTTLPR/Serotonin transporter Antibody in green and counterstained with chicken polyclonal antibody to tyrosine hydroxylase in red. The axons of serotonergic neurons course throughout the section but are clearly distinct from the chatacholinergic processes and cell bodies revealed with the TH antibody. The blue stain reveals DNA in cell nuclei.





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-57729PEP	SLC6A4/5-HTTLPR/Serotonin transporter Recombinant Protein Antigen
DBD00	BDNF [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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