

Anti-Dopamine Transporter (Thr53) Antibody



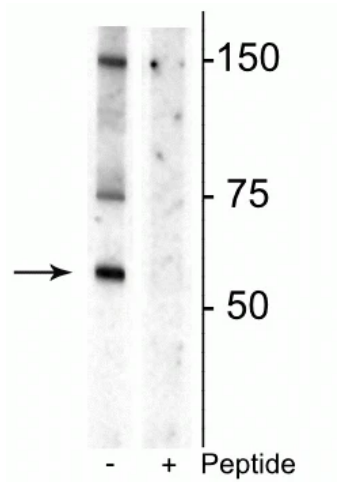
Pooled Serum

Product Details

Available Variants	100 μ L (SKU:p435-53) 25 μ L (SKU:p435-53t)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	SLC6A3
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000
Species Reactivity	Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr53 of rat dopamine transporter, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~55 kDa glycosylated form of the DAT protein phosphorylated at Thr53. Relative mobility may vary depending on the state of glycosylation of the DAT protein. The antibody works best in lysates that have not been boiled prior to being run on an SDS-PAGE gel. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide.
Molecular Weight	55 kDa

Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2492078
UniProt ID	<u>P23977</u>
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Thr53
NCBI Gene ID	24898

Product Images



Western blot of rat striatal lysate showing specific immunolabeling of the ~55 kDa glycosylated form of the DAT protein phosphorylated at Thr53 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as the antigen, but not by the corresponding non-phosphopeptide (not shown).

Product Page URL: www.antibodiesinc.com/products/anti-dopamine-transporter-thr53-antibody-p435-53

