

Anti-DAT(Sodium-dependent dopamine transporter) Polyclonal Antibody

Cat. #: 60B498

Description:

DAT(Sodium-dependent dopamine transporter) is an amine transporter. DAT terminates the action of dopamine by its high affinity sodium-dependent reuptake into presynaptic terminals. This protein is the target of psychomotor stimulants such as amphetamines or cocaine. It belongs to the sodium: neurotransmitter symporter (SNF) family.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human DAT(Sodium-dependent dopamine transporter)

References

- Donovan,D.M., et al, Brain Res. Mol. Brain Res. 30 (2), 327-335 (1995)
Vandenbergh,D.J., et al, Mol. Psychiatry 5 (3), 283-292 (2000)
Vandenbergh,D.J., et al, Brain Res. Mol. Brain Res. 15 (1-2), 161-166 (1992)
Pristupa,Z.B., et al, Mol. Pharmacol. 45 (1), 125-135 (1994)
Greenwood,T.A, et al, Am. J. Med. Genet. 105 (2), 145-151 (2001)
Bannon,M.J., et al, Proc. Natl. Acad. Sci. U.S.A. 89 (15), 7095-7099 (1992)
Torres,G.E., et al, Neuron 30 (1), 121-134 (2001)

Clone Number:

Isotype:

Species: Human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)