
Norepinephrine Transporter Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253181

Unit: 0.1 ml

Description:

Norepinephrine Transporter [NET] (or noradrenaline transporter (NAT)) is a monoamine transporter that transports the neurotransmitter noradrenaline from the synapse back to its vesicles for storage until later use. It also appears to transport the neurotransmitter dopamine in the same way, but to a lesser degree. Studies have shown a decrease in NET levels in the locus coeruleus in patients diagnosed with major depression. Cocaine, amphetamines and many therapeutic antidepressants, such as the SNRIs (Serotonin-norepinephrine reuptake inhibitors) and the tricyclic antidepressants (TCAs) act to raise noradrenaline. Furthermore, deficits in the NET gene have been associated with ADHD.

Isotype: Mouse IgG1

Applications: E, WB

Species Reactivity: M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of HEPES (pH7.5), 0.01% BSA, with 50% glycerol. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Sodium-dependent noradrenaline transporter; Norepinephrine transporter; NET Solute carrier family 6 member 2

Accession No.: O55192

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within mouse norepinephrine transporter.

Application Notes: E: 1:500-1:1,000; WB: 1:2,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.