

Dopamine D2 Receptor Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251384

Unit: 0.1 mg

Description:

D(2) dopamine receptor (dopamine D2 receptor) is one of the five types (D1 to D5) of receptors for dopamine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. Genetic variations in the dopamine D2 receptor are implicated in the genetic susceptibility to alcoholism. Genetic variations in the dopamine D2 receptor are a protective factor against the development of withdrawal symptoms but might also be a risk factor in a highly burdened subgroup of alcoholics with a paternal and grandpaternal history of alcoholism and might contribute to suicide risk in alcoholics.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

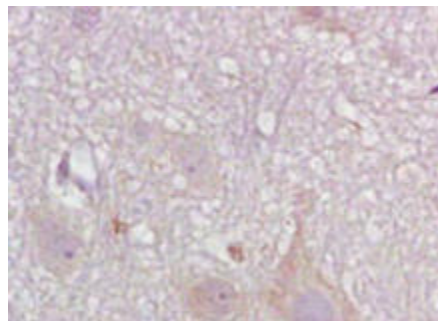
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: D(2) dopamine receptor; Dopamine D2 receptor; Dopamine receptor D2; DRD2

Accession No.: P14416

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human dopamine D2 receptor.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Dopamine D2 Receptor staining in rat brain. Formalin-fixed paraffin-embedded rat brain is stained with Dopamine D2 Receptor Antibody (Cat. No. 251384) used at 1:200 dilution.

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.