

DRD1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 49kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human DRD1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

DADR;DRD1A;

Catalog #: A2893

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1812

Isotype: IgG

Swiss Prot: P21728

Purity: Affinity purification

For research use only.

Background:

This gene encodes the D1 subtype of the dopamine receptor. The D1 subtype is the most abundant dopamine receptor in the central nervous system. This G-protein coupled receptor stimulates adenylyl cyclase and activates cyclic AMP-dependent protein kinases. D1 receptors regulate neuronal growth and development, mediate some behavioral responses, and modulate dopamine receptor D2-mediated events. Alternate transcription initiation sites result in two transcript variants of this gene.

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