

## DRD1

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**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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