

**Product Name: Dopamine Receptor D1 Rabbit
Monoclonal Antibody
Catalog #: AMRe86824**

Summary

Production Name	Dopamine Receptor D1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	Dopamine Receptor D1
Alternative Names	DADR; DRD1A
Gene ID	1812
SwissProt ID	P21728.

Application

Dilution Ratio	WB: 1:1000-1:5000
Molecular Weight	Calculated MW:49 kDa; Observed MW:75 kDa

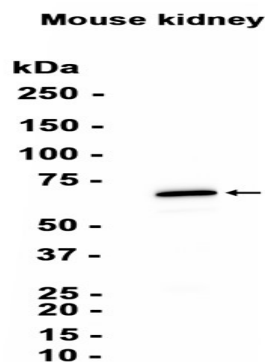
Background

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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. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from Mouse kidney tissue using AMRe86824 at 1:1000.

Note

For research use only.