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## Product Information

<b>Product SKU:</b>	CAB2893	<b>Gene ID:</b>	1812	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Rat

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## Additional Information

<b>Observed MW:</b>	49kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	49kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**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.

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** DADR; DRD1A; DRD1

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 338-446 of human DRD1 (NP\_000785.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.