

## Anti-Dopamine Receptor D1 Rabbit pAb



WL04810

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-Dopamine Receptor D1 Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

<b>Background</b>	Dopamine Receptor D1 is 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.
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<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Dopamine Receptor D1.
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<b>Purification</b>	Polyclonal antibody was purified by Protein A affinity chromatography.
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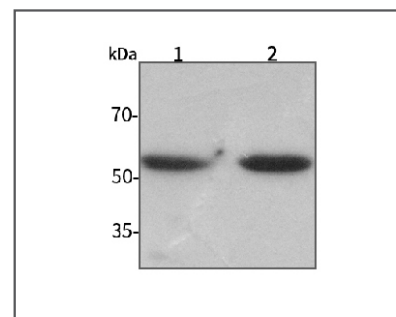
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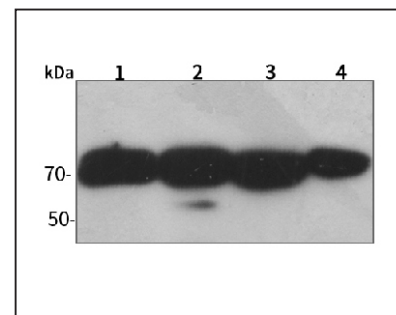
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## Product Images



Western blot-Anti-Dopamine Receptor D1 pAb

Lane 1: Human HeLa cell lysate  
 Lane 2: Human MCF-7 cell lysate  
 Lane 3: Human HEK-293 cell lysate  
 All lanes: Anti-Dopamine Receptor D1 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 49 kDa  
 Observed band size: 49,75 kDa



Western blot-Anti-Dopamine Receptor D1 pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse heart tissue lysate  
 Lane 3: Mouse liver tissue lysate  
 Lane 4: Rat lung tissue lysate  
 All lanes: Anti-Dopamine Receptor D1 at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 49 kDa  
 Observed band size: 49,75 kDa