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Datasheet for ABIN7440551

anti-Dopamine Receptor d1 antibody (AA 338-446)





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Quantity:	100 μL
Target:	Dopamine Receptor d1 (DRD1)
Binding Specificity:	AA 338-446
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dopamine Receptor d1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Dopamine Receptor D1 (DRD1)	
Immunogen:	Recombinant Dopamine Receptor D1 (DRD1) corresdonding to Gln338~Thr446 with N-terminal His Tag	
Isotype:	IgG	
Specificity:	The antibody is a rabbit polyclonal antibody raised against DRD1. It has been selected for its ability to recognize DRD1 in immunohistochemical staining and western blotting.	
Cross-Reactivity:	Human, Mouse	
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography	

Target Details

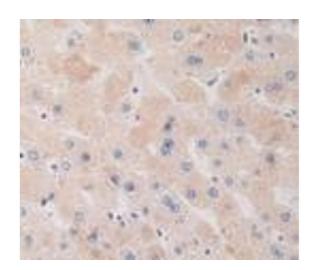
Target:	Dopamine Receptor d1 (DRD1)
Alternative Name:	Dopamine Receptor D1 (DRD1 Products)
Background:	DR-D1, D1R, DADR, DRD1A
Pathways:	cAMP Metabolic Process, Inositol Metabolic Process, Protein targeting to Nucleus, Feeding Behaviour, Smooth Muscle Cell Migration, Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Western blotting: 0.5-2 μg/mL Immunohistochemistry: 5-20 μg/mL Immunocytochemistry: 5-		
	20 μg/mL Optimal working dilutions must be determined by end user.		
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated		
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious		
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration		
	date under appropriate storage condition.		
Restrictions:	For Research Use only		

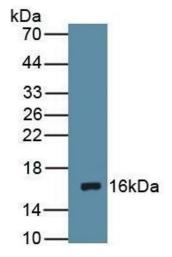
Handling

Format:	Liquid	
roimat.	Liquid	
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	



Immunohistochemistry

Image 1. Detection of DRD1 in Human Liver Tissue using Polyclonal Antibody to Dopamine Receptor D1 (DRD1)



Western Blotting

Image 2. Detection of Recombinant DRD1, Rat using Polyclonal Antibody to Dopamine Receptor D1 (DRD1)