

Datasheet for ABIN1535584

anti-Dopamine Receptor d1 antibody (AA 135-184)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Dopamine Receptor d1 (DRD1)
Binding Specificity:	AA 135-184
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dopamine Receptor d1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human DRD1.
Isotype:	IgG
Specificity:	DRD1 Antibody detects endogenous levels of total DRD1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Dopamine Receptor d1 (DRD1)
Alternative Name:	DRD1 (DRD1 Products)
Background:	Synonyms: D(1A) dopamine receptor, DRD1

Target Details

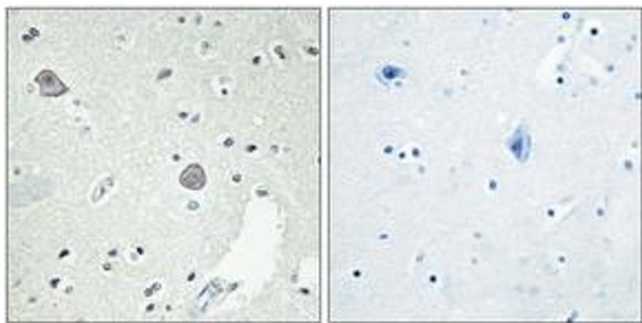
	NCBI Gene Symbol: DRD1
Molecular Weight:	49 kDa
Gene ID:	1812
OMIM:	126449
UniProt:	P21728
Pathways:	cAMP Metabolic Process , Inositol Metabolic Process , Protein targeting to Nucleus , Feeding Behaviour , Smooth Muscle Cell Migration , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:5000
Comment:	Unigene-Number: Hs.2624 (NCBI Gene Symbol: DRD1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DRD1 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF7 cells, using DRD1 Antibody. The picture on the right is treated with the synthesized peptide.