

D3DR (6K15) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01609

Product information

产品货号	HZ-YMA01609
别名	DRD3;D;3;dopamine receptor;Dopamine D3 receptor
产品名称	D3DR (6K15) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	DRD3
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	1814
Human Swissprot No.	P35462
稀释度	IHC-P 1:200-1:1000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000
参考分子量	48kDa
预测分子量	44kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	This gene encodes the D3 subtype of the five (D1-D5) dopamine receptors. The activity of the D3 subtype receptor is mediated by G proteins which inhibit adenylyl cyclase. This receptor is localized to the limbic areas of the brain , which are associated with cognitive , emotional , and endocrine functions. Genetic variation in this gene may be associated with susceptibility to hereditary essential tremor 1. Alternative splicing of this gene results in transcript variants encoding different isoforms , although some variants may be subject to nonsense-mediated decay (NMD) . [provided by RefSeq , Jul 2008] ,
细胞定位	Cell membrane ; Multi-pass membrane protein . Both membrane-bound and scattered in the cytoplasm during basal conditions. Receptor stimulation results in the rapid internalization and sequestration of the receptors at the perinuclear area (5 and 15 minutes) , followed by the dispersal of the receptors to the membrane (30 minutes) . DRD3 and GRK4 co-localize in lipid rafts of renal proximal tubule cells.
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Clonality	Monoclonal