Product **Datasheet**

Anti-D2DR Rabbit pAb

WL01122

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-D2DR Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat
Tested applications	WB 1:500-1:1000
Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	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

Background

This G-protein coupled receptor inhibits adenylyl cyclase activity. D(2) dopamine receptor (dopamine D2 receptor) is one of the five types (D1 to D5) of receptors for dopamine. Genetic variations in the dopamine D2 receptor are implicated in the genetic susceptibility to alcoholism. Genetic variations in the dopamine D2 receptor are a protective factor against the development of withdrawal symptoms but might also be a risk factor in a highly burdened subgroup of alcoholics with a paternal and grandpaternal history of alcoholism and might contribute to suicide risk in alcoholics.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of D2DR.

Purification

Polyclonal antibody was purified by protein A affinity chromatography.

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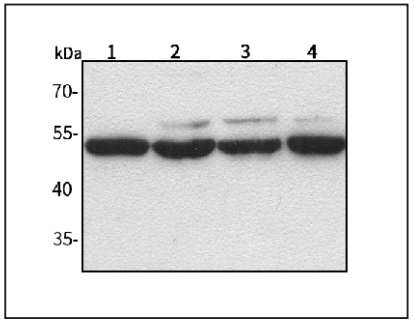
Product Images



Western blot-Anti-D2DR pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human SW480 cell lysate
Lane 4: Human BGC-823 cell lysate
All lanes: Anti-D2DR at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 51 kDa
Observed band size: 51 kDa

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