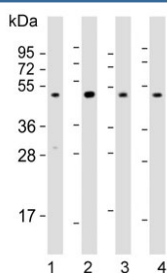


DRD2 Antibody / Dopamine D2 Receptor (F54240)

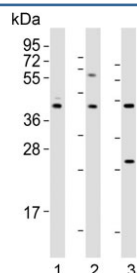
Catalog No.	Formulation	Size
F54240-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54240-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P14416
Gene ID	1813
Applications	Western Blot : 1:1000-1:2000
Limitations	This DRD2 antibody is available for research use only.



Western blot testing of human 1) brain, 2) cerebellum, 3) HT-1080 and 4) K562 lysate with DRD2 antibody. Predicted molecular weight ~51 kDa.



Western blot testing of human 1) brain, 2) K562 and 3) cerebellum lysate with DRD2 antibody. Predicted molecular weight ~51 kDa.

Description

This gene encodes the D2 subtype of the dopamine receptor. This G-protein coupled receptor inhibits adenylyl cyclase activity. A missense mutation in this gene causes myoclonus dystonia; other mutations have been associated with schizophrenia. Alternative splicing of this gene results in two transcript variants encoding different isoforms. A third variant has been described, but it has not been determined whether this form is normal or due to aberrant splicing.

Application Notes

The stated application concentrations are suggested starting points. Titration of the DRD2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 307-336 from the human protein were used as the immunogen for the DRD2 antibody.

Storage

Aliquot the DRD2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.