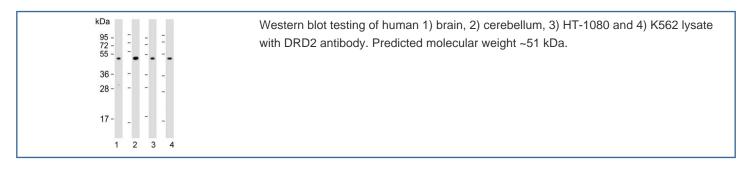


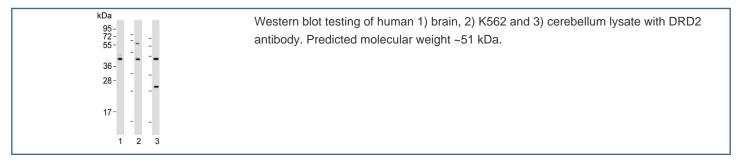
# DRD2 Antibody / Dopamine D2 Receptor (F54240)

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.





## **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.