

For Research Use Only

DRD2 Recombinant monoclonal antibody

Catalog Number: 88509-1-RR



Basic Information

Catalog Number:

88509-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_016574

GeneID (NCBI):

1813

UNIPROT ID:

P14416

Full Name:

dopamine receptor D2

Calculated MW:

51 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

261031C5

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, pig

Positive Controls:

WB : HEK-293 cells, SH-SY5Y cells, IM-9 cells, Fetal human brain tissue, Pig brain tissue

Background Information

DRD2, also named D2DR and D2R, belongs to the G-protein coupled receptor 1 family. It is one of the five types (D1 to D5) of receptors for dopamine. The activity of DRD2 is mediated by G proteins which inhibit adenylyl cyclase. Defects in DRD2 are associated with dystonia type 11 (DYT11). The antibody is specific to DRD2.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

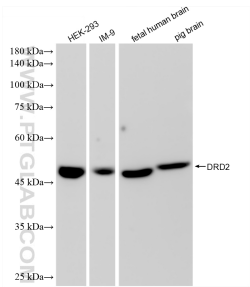
T: 4006900926

E: Proteintech-CN@ptglab.com

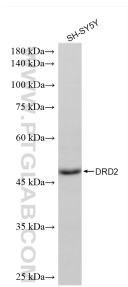
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88509-1-RR (DRD2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 88509-1-RR (DRD2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.