

Product datasheet

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ARG55435 anti-DRD2 / Dopamine Receptor D2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes DRD2 / Dopamine Receptor D2

Tested Reactivity Hu, Ms
Tested Application WB
Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name DRD2 / Dopamine Receptor D2

Species Human

Immunogen KLH-conjugated synthetic peptide corresponding to aa. 307-336 (C-terminus) of Human DRD2.

Conjugation Un-conjugated

Alternate Names D2R; D2DR; D(2) dopamine receptor; Dopamine D2 receptor

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human brain	

Properties

Form Liquid

Purification Purification with Protein A and immunogen peptide

Buffer PBS and 0.09% (W/V) Sodium azide

Preservative 0.09% (W/V) Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 13489 Mouse

GenelD: 1813 Human

Swiss-port # P14416 Human

Swiss-port # P61168 Mouse

Gene Symbol DRD2

Gene Full Name dopamine receptor D2

Background 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

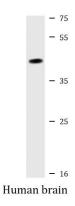
determined whether this form is normal or due to aberrant splicing. [provided by RefSeq, Jul 2008]

Function Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase. [UniProt]

Research Area Neuroscience antibody; Signaling Transduction antibody

Calculated Mw 51 kDa

Images



ARG55435 anti-DRD2 / Dopamine Receptor D2 antibody WB image

Western blot: 20 μg of Human brain lysate stained with ARG55435 anti-DRD2 / Dopamine Receptor D2 antibody.