

Rabbit Dopamine D2 Receptor Polyclonal Antibody | anti-DRD2 antibody

Dopamine D2 Receptor antibody

CATALOG # AAA75082	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
------------------------------	-----------------------	--

PRODUCT SYNONYMS

Dopamine D2 Receptor; Polyclonal Antibody; Dopamine D2 Receptor antibody; Polyclonal Dopamine D2 Receptor; Anti-Dopamine D2 Receptor; Dopamine D Receptor -2; Dopamine D Receptor 2; D2R Antibody; anti-DRD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Rat
Form/Format	Neat Serum with 0.05% NaN ₃ .
Sequence Length	414
Applicable Applications for anti-DRD2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	Dopamine is an endogenous catecholamine that influences many cellular activities, including behavior, hormone synthesis and release, blood pressure and intracellular ion transport. A family of at least 5 Dopamine Receptors (DR) genes, D1-D5, have been identified based upon the amino acid identity, pharmacological specificity and effector responses. D2 is encoded by the Dopamine receptor D2 gene (DRD2), of which there are two forms. The D2Sh form is pre-synaptically situated, having modulatory functions and the D2Lh form may function as a classical post-synaptic receptor.
Cross-Reactivity	Human, lobster, squid, crayfish
Immunogen	Dopamine D2 receptor antibody was raised in rabbit using an 11 amino acid peptide of rat D2R as the immunogen.
Preparation and Storage	Aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-DRD2 antibody	Rabbit polyclonal Dopamine D2 Receptor antibody
Product Categories/Family for anti-DRD2 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	17986270
NCBI GeneID	1813
NCBI Accession #	NP_057658.2
NCBI GenBank Nucleotide #	NM_016574.3
UniProt Accession #	P14416 ; Q9NZR3 ; Q9UPA9

Molecular Weight	50,847 Da
NCBI Official Full Name	D(2) dopamine receptor isoform short
NCBI Official Synonym Full Names	dopamine receptor D2
NCBI Official Symbol	DRD2
NCBI Official Synonym Symbols	D2R; D2DR
NCBI Protein Information	D(2) dopamine receptor
UniProt Protein Name	D(2) dopamine receptor
UniProt Gene Name	DRD2
UniProt Entry Name	DRD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/dopamine-d2-receptor-antibody-western-blot-immunohistochemistry-elisa/75082>