

Rabbit anti-Mouse, Rat Dopamine D2 Receptor Polyclonal Antibody | anti-Drd2 antibody

Dopamine D2 Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75717	Rabbit	Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Dopamine D2 Receptor; Polyclonal Antibody; Dopamine D2 Receptor Antibody; D(2) dopamine receptor; D2 dopamine receptor; D2DR; D2R; Dopamine D2 receptor; DRD2 antibody; anti-Drd2 antibody

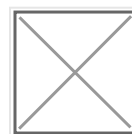
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.55ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	415
Applicable Applications for anti-Drd2 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic peptide taken within amino acid region 150-200 on rat Dopamine Receptor D2 protein.
Immunoglobulin	IgG
Molecular Function	Dopamine Binding; Potassium Channel Regulator activity; Identical Protein binding
Structure	Forms homo- and heterooligomers with DRD4. The interaction with DRD4 may modulate agonist-induced downstream signaling. Interacts with GPRASP1, PPP1R9B and CLIC6 (By similarity). Interacts with CADPS and CADPS2. Interacts with ARRB2 (By similarity). Interacts with KCNA2 (By similarity). Interacts with GNAI1 (PubMed:17264214). Interacts with GNAI2 isoform sGi2, the interaction allows the creation of an intracellular pool of DRD2 that can be released to cell surface upon agonist stimulation. Interacts with HTR2A.
Subcellular Location	Cell membrane; Multi-pass membrane protein
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-Drd2 antibody	Affinity Purified Dopamine Receptor subtype D2 Antibody Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	203906
NCBI GeneID	24318
UniProt Accession #	Q6LDH7; P61169
Molecular Weight	20,091 Da
NCBI Official Full Name	dopamine receptor subtype D2
NCBI Official Synonym Full Names	dopamine receptor D2
NCBI Official Symbol	Drd2
NCBI Protein Information	D(2) dopamine receptor
UniProt Protein Name	D(2) dopamine receptor
UniProt Gene Name	DRD2
UniProt Entry Name	Q6LDH7_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dopamine-d2-receptor-antibody-western-blot-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/75717>