

Rabbit anti-Mouse, Rat Dopamine Receptor D1 Polyclonal Antibody | anti-Drd1 antibody

Dopamamine Receptor D1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75783	Rabbit	Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

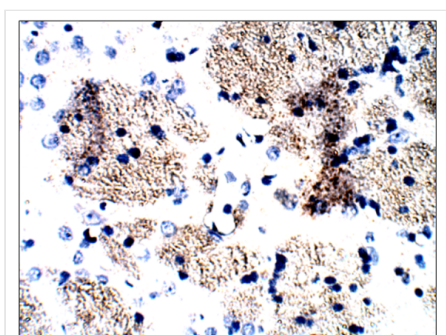
PRODUCT SYNONYMS

Dopamine Receptor D1; Polyclonal Antibody; Dopamamine Receptor D1 Antibody; D(1A) dopamine receptor; D1A dopamine receptor; DADR; Dopamine D1 receptor; DRD1A antibody; anti-Drd1 antibody

PRODUCT SPECIFICATIONS

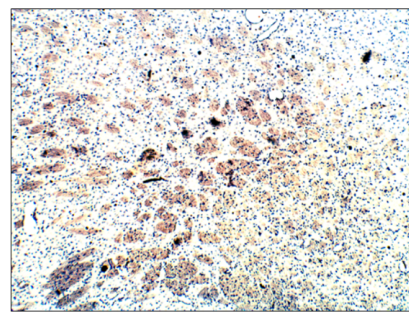
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.50-1.20 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	446
Applicable Applications for anti-Drd1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic peptide taken within amino acid region 1-50 on mouse D(1A) dopamine receptor.
Expression	Brain, in the striatum, the nucleus accumbens, and the olfactory tubercle.
Determinant	N-epitope
Molecular Function	angiotensin receptor binding;protein heterodimerization activity;protein phosphatase binding;ATPase binding
Structure	Belongs to the G-protein coupled receptor 1 family has a Transmembrane helix domain
Subcellular Location	Cell membrane;Endoplasmic Reticulum Membrane
Preparation and Storage	-20• degree C for long term storage

IMAGES



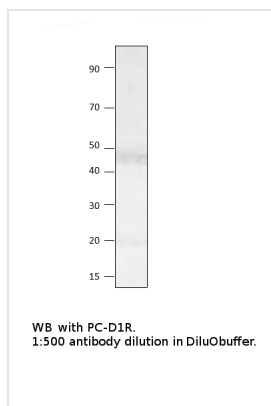
Rat Brain- Dopamine Receptor D1
Primary Antibody: 1:100 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
40X magnification on Leica DM4000. FFPE section.

IHC (Immunohistochemistry)



Rat Brain- Dopamine Receptor D1
Primary Antibody: 1:100 dilution in IHC Blocking Buffer.
DAB (brown) staining and Hematoxylin QS (blue) counterstain.
10X magnification on Leica DM4000. FFPE section.

IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-Drd1 antibody	Affinity Purified D(1A) dopamine receptor Antibody N-epitope Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase.
Product Categories/Family for anti-Drd1 antibody	Primary Antibodies; Neuroscience; Neurotransmission; Dopamine Receptors; Dopamine Receptor D1 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	752293510
NCBI GeneID	24316
NCBI Accession #	NP_036678
NCBI GenBank Nucleotide #	NM_012546.3
UniProt Accession #	P18901; P21669
Molecular Weight	49,428 Da
NCBI Official Full Name	D(1A) dopamine receptor
NCBI Official Synonym Full Names	dopamine receptor D1
NCBI Official Symbol	Drd1
NCBI Official Synonym Symbols	D1a; Drd-1; Drd1a
NCBI Protein Information	D(1A) dopamine receptor
UniProt Protein Name	D(1A) dopamine receptor
UniProt Gene Name	Drd1
UniProt Synonym Gene Names	Drd1a
UniProt Entry Name	DRD1_RAT

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-receptor-d1-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/75783>