

Rabbit DRD1 / Dopamine Receptor D1 Polyclonal Antibody | anti-DRD1 antibody

Rabbit Polyclonal to Human DRD1 / Dopamine Receptor D1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51605	Rabbit	Gorilla, Human, Monkey Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)	Immunohistochemistry

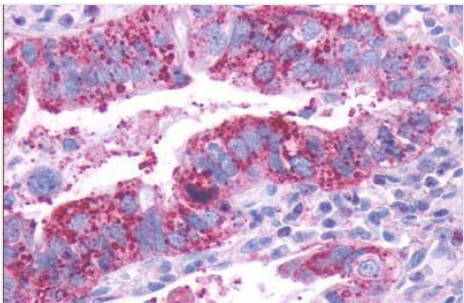
PRODUCT SYNONYMS

DRD1 / Dopamine Receptor D1; Polyclonal Antibody; Rabbit Polyclonal to Human DRD1 / Dopamine Receptor D1; Anti-DRD1 / Dopamine Receptor D1 Antibody (C-Terminus) IHC-plus; DRD1; D(1A) dopamine receptor; D1a dopamine receptor; Dopamine d-1 receptor; Dopamine receptor d1a; DRD1A; DADR; Dopamine d1a receptor; Dopamine receptor D1; Dopamine 1 receptor; Dopamine type 1 receptor; D-1 dopamine receptor; D1 dopamine receptor; Human DRD1; Dopamine Receptor D1; anti-DRD1 antibody

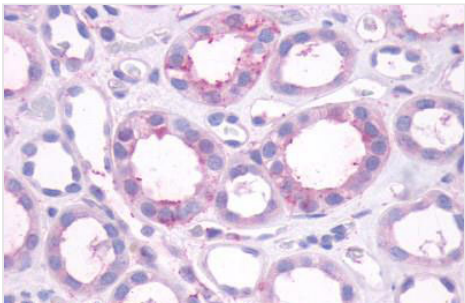
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human, Monkey Predicted Reactivity: Gibbon (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human DRD1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	446
Applicable Applications for anti-DRD1 antibody	IHC (Immunohistochemistry)
Usage Not Recommended	Immunocytochemistry (ICC)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from C-terminus of human DRD1. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset (100%); Gibbon (94%); Rat, Elephant, Pig (88%); Sheep, Hamster, Panda, Bovine (82%).
Immunogen Type	Synthetic peptide
Immunogen	DRD1 / Dopamine Receptor D1 antibody was raised against synthetic 17 amino acid peptide from C-terminus of human DRD1. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset (100%); Gibbon (94%); Rat, Elephant, Pig (88%); Sheep, Hamster, Panda, Bovine (82%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

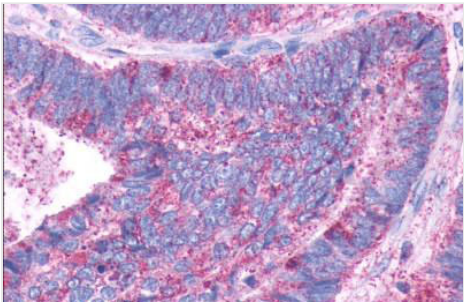
IMAGES



IHC (Immunohistochemisry)
Anti-DRD1 / Dopamine Receptor D1 antibody IHC of human Lung, Adenocarcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohiostchemistry)
Anti-Dopamine Receptor D1 / DRD1 antibody IHC of human kidney, tubules.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 7 ug/ml.



IHC (Immunohistochemistry)
Anti-DRD1 / Dopamine Receptor D1 antibody IHC of human Colon, Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-DRD1 antibody	DRD1, a Dopamine Receptor, mediates the effect of the neurotransmitter dopamine, an intermediate in the biosynthesis of noradrenaline and adrenaline. It is involved in the control of motor activity and cognitive memory. Downregulation of DRD1 leads to severe impairments in working memory and to locomotor hyperactivity, which are observed in diseases such as schizophrenia, Parkinson's disease, affective disorders, and attention deficit hyperactivity disorder.
Product Categories/Family for anti-DRD1 antibody	Family: GPCR; Subfamily: Dopamine

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503383
NCBI GeneID	1812
NCBI Accession #	NP_000785.1
NCBI GenBank Nucleotide #	NM_000794.3
UniProt Accession #	P21728; Q4QRJ0; B2RA44
Molecular Weight	49,293 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	DADR; DRD1A

NCBI Protein Information	D(1A) dopamine receptor; D(1A) dopamine receptor; dopamine D1 receptor
UniProt Protein Name	D(1A) dopamine receptor
UniProt Gene Name	DRD1
UniProt Entry Name	DRD1_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/rd1-dopamine-receptor-d1-antibody-immunohistochemistry-elisa/51605>