

Rabbit DRD4 / Dopamine Receptor D4 Polyclonal Antibody | anti-DRD4 antibody

Rabbit Polyclonal to Human DRD4 / Dopamine Receptor D4

CATALOG # AAA51527	HOST Rabbit	REACTIVITY Gibbon, Gorilla, Human, Monkey	APPLICATIONS Immunohistochemistry
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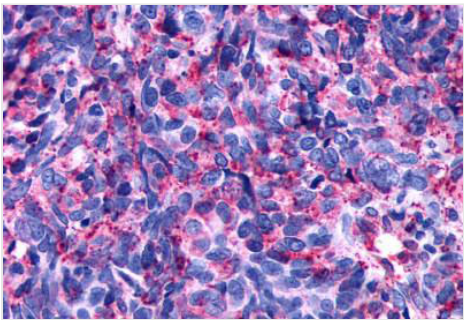
PRODUCT SYNONYMS

DRD4 / Dopamine Receptor D4; Polyclonal Antibody; Rabbit Polyclonal to Human DRD4 / Dopamine Receptor D4; Anti-DRD4 / Dopamine Receptor D4 Antibody (C-Terminus) IHC-plus; DRD4; D(4) dopamine receptor; D4DR; D(2C) dopamine receptor; D4 dopamine receptor; Dopamine receptor D4; Dopamine 4 receptor; Dopamine D4 receptor; Human DRD4; Dopamine Receptor D4; anti-DRD4 antibody

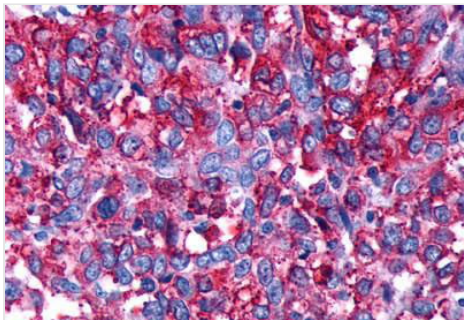
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Monkey
Clonality	Polyclonal
Specificity	Human DRD4 / Dopamine Receptor D4. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except HTR1D (65%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	419
Applicable Applications for anti-DRD4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from C-terminus of human DRD4 / Dopamine Receptor D4. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset (100%); Ferret, Panda (88%); Hamster, Elephant, Horse, Pig (82%).
Immunogen Type	Synthetic peptide
Immunogen	DRD4 / Dopamine Receptor D4 antibody was raised against synthetic 17 amino acid peptide from C-terminus of human DRD4 / Dopamine Receptor D4. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset (100%); Ferret, Panda (88%); Hamster, Elephant, Horse, Pig (82%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

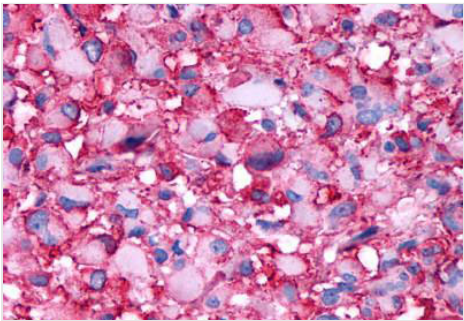
IMAGES



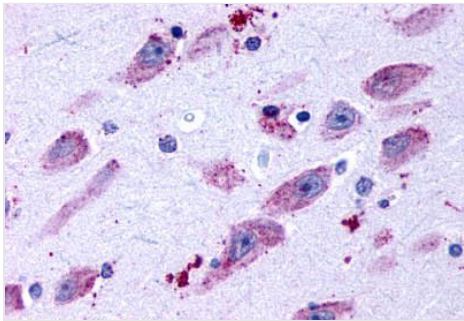
IHC (Immunohistochemistry)
Anti-DRD4 / Dopamine Receptor D4 antibody IHC of human Lung, Small Cell Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-DRD4 / Dopamine Receptor D4 antibody IHC of human Ovary, Carcinoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-DRD4 / Dopamine Receptor D4 antibody IHC of human Brain, Glioblastoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-DRD4 / Dopamine Receptor D4 antibody IHC of human brain, neurons and glia.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-DRD4 antibody	Dopamine Receptor D4 (DRD4), a Dopamine Receptor, has been suggested to affect personality, substance dependence, cognition, and emotion. DRD4 binds the antipsychotic medications clozapine and spiperone. DRD4 knock-out mice are anatomically normal but display altered locomotion and sensitivity to drugs such as clozapine, cocaine, and others.
Product Categories/Family for anti-DRD4 antibody	Family: GPCR; Subfamily: Dopamine

NCBI AND UNIPROT INFORMATION

NCBI GI #	32483397
NCBI GeneID	1815
NCBI Accession #	NP_000788.2
NCBI GenBank Nucleotide #	NM_000797.3
UniProt Accession #	P21917; Q7Z7Q5; Q8NGM5; B0M0J7
Molecular Weight	48,361 Da
NCBI Official Full Name	D(4) dopamine receptor
NCBI Official Synonym Full Names	dopamine receptor D4
NCBI Official Symbol	DRD4
NCBI Official Synonym Symbols	D4DR

NCBI Protein Information	D(4) dopamine receptor; D(4) dopamine receptor; dopamine D4 receptor; D(2C) dopamine receptor; seven transmembrane helix receptor
UniProt Protein Name	D(4) dopamine receptor
UniProt Gene Name	DRD4
UniProt Entry Name	DRD4_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/drd4-dopamine-receptor-d4-antibody-immunohistochemistry-elisa/51527>