

Rabbit anti-Human DRD1 Polyclonal Antibody | anti-DRD1 antibody

DRD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29653	Rabbit	Human	ELISA, Western Blot, Immunohistochemistry

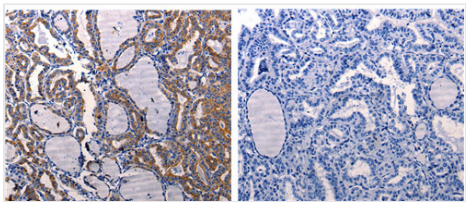
PRODUCT SYNONYMS

DRD1; Polyclonal Antibody; DRD1 Antibody; Dopamine receptor D1; DADR; DRD1A; anti-DRD1 antibody

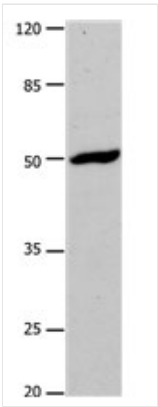
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total DRD1 protein.
Form/Format	Rabbit IgG in pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1.1 mg/ml (varies by lot)
Sequence Length	446
Applicable Applications for anti-DRD1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	ELISA: 1:500-1:5000 WB: 1:1000-1:5000 IHC: 1:25-1:100
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 10-23 amino acids of Human Dopamine receptor D1
Target Name	DRD1
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using AAA29653 (DRD1 Antibody) at dilution 1/50, on the right is treated with the synthetic peptide.



Application Data
Gel: 10% SDS-PAGE Lysate: 30 ug Hela cell lysatePrimary antibody: 1/1000 dilutionSecondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/5000 dilutionExposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-DRD1 antibody	This gene encodes the D1 subtype of the dopamine receptor. The D1 subtype is the most abundant dopamine receptor in the central nervous system. This G-protein coupled receptor stimulates adenylyl cyclase and activates cyclic AMP-dependent protein kinases. D1 receptors regulate neuronal growth and development, mediate some behavioral responses, and modulate dopamine receptor D2-mediated events. Alternate transcription initiation sites result in two transcript variants of this gene.
Product Categories/Family for anti-DRD1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503383
NCBI GeneID	1812
NCBI Accession #	NP_000785
NCBI GenBank Nucleotide #	NM_000794.3
UniProt Accession #	P59665; Q4QRJ0; B2RA44; P21728
Molecular Weight	Predicted MW: 49kd
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
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.

