

Rabbit DRD1 Monoclonal Antibody | anti-DRD1 antibody

DRD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30320	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

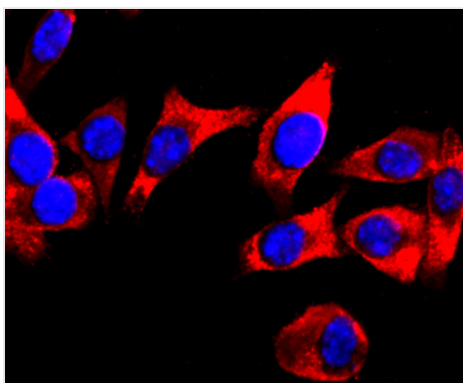
PRODUCT SYNONYMS

DRD1; Monoclonal Antibody; DRD1 Antibody; D (1A) dopamine receptor antibody; D1A dopamine receptor antibody; DADR antibody; Dopamine D1 receptor antibody; dopamine receptor D1 antibody; DR D1 antibody; DR D1A antibody; DRD 1 antibody; DRD 1A antibody; DRD1 antibody; DRD1_HUMAN antibody; DRD1A antibody; anti-DRD1 antibody

PRODUCT SPECIFICATIONS

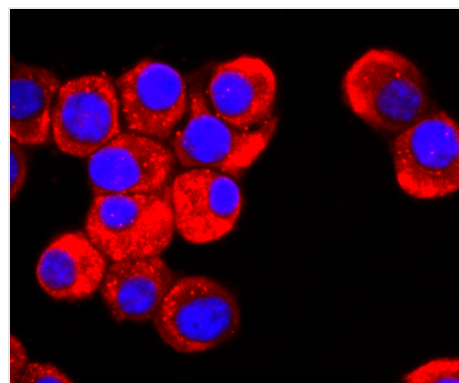
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JM10-93
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DRD1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:100-1:500
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



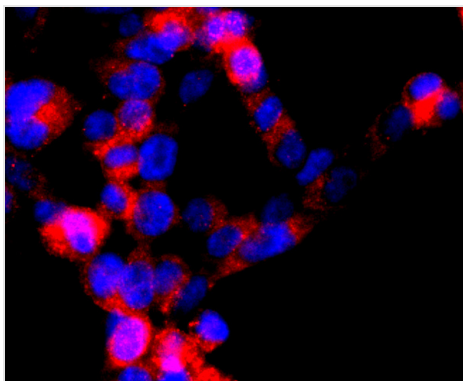
ICC (Immunocytochemistry)

ICC staining DRD1 in SH-SY5Y cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



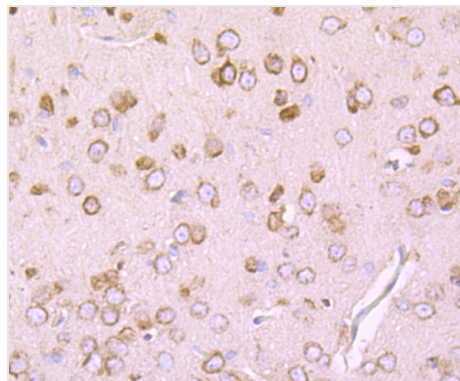
ICC (Immunocytochemistry)

ICC staining DRD1 in N2A cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



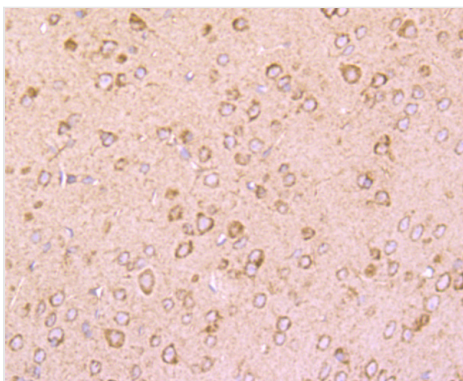
ICC (Immunocytochemistry)

ICC staining DRD1 in 293T cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



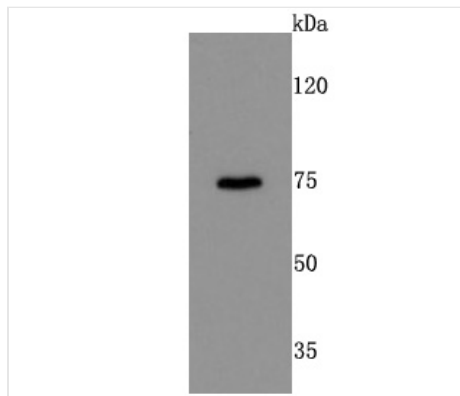
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-DRD1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-DRD1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of DRD1 on mouse kidney cells lysates using anti-DRD1 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DRD1 antibody	The members of the G protein coupled receptor family are distinguished by their slow transmitting response to ligand binding. These transmembrane proteins include the adrenergic, serotonin and dopamine receptors. The effect of the signaling molecule can be excitatory or inhibitory depending on the type of receptor to which it binds. beta-adrenergic receptor binds to adrenaline activates adenylyl cyclase, while alpha2-adrenergic receptor binds to adrenaline inhibits adenylyl cyclase. The dopamine receptors are divided into two classes, D1 and D2, which differ in their functional characteristics in that D1 receptors stimulate adenylyl cyclase while D2 receptors inhibit adenylyl cyclase activity. Five different subtypes of dopamine receptor have been described to date. D1DR and D5DR belong to the D1 subclass, while D2DR, D3DR and D4DR belong to the D2 subclass.
Product Categories/Family for anti-DRD1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	118228
NCBI GeneID	1812
UniProt Accession #	P21728 ; Q4QRJ0 ; B2RA44
Molecular Weight	446
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/monoclonal/drd1-antibody-clone-jm10-93-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/30320>