

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

Dopamine Receptor D1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA291288	Rabbit	Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot

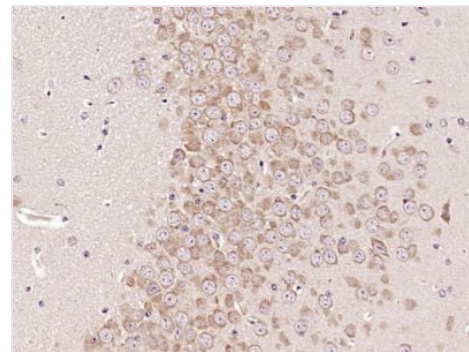
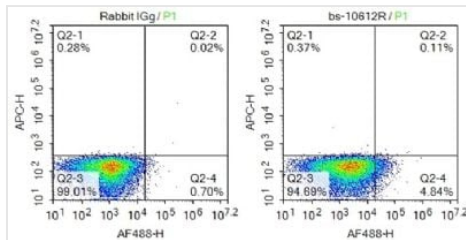
PRODUCT SYNONYMS

Dopamine Receptor D1; Polyclonal Antibody; Dopamine Receptor D1 Polyclonal Antibody; D (1A) dopamine receptor; Dopamine D1 receptor; Drd1; Drd1a; Gpcr15; anti-Drd1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Applicable Applications for anti-Drd1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

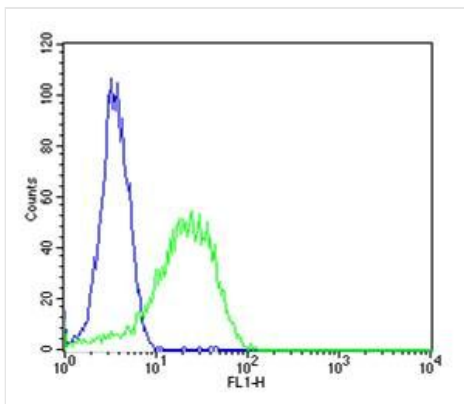


FCM/FACS (Flow Cytometry)

Blank control: Mouse brain. Primary Antibody (green line): Rabbit Anti-Dopamine Receptor D1 antibody (bs-10612R) Dilution: 2 ug /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG .Secondary Antibody : Goat anti-rabbit IgG-AF488 Dilution: 1 ug /test.Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

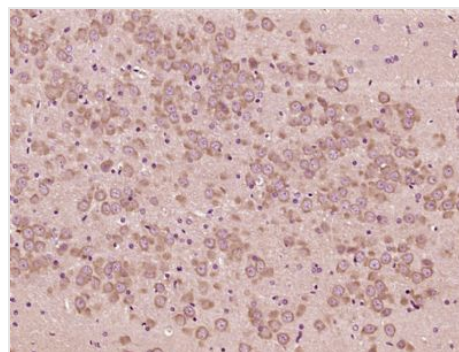
IHC (Immunohistochemistry)

Dilution: Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 degree C for 30min; Antibody incubation with (Dopamine Receptor D1) Polyclonal Antibody, Unconjugated (bs-10612R) at 1:400 overnight at 4 degree C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



FCM/FACS (Flow Cytometry)

Cell: Neuro-2a Concentration: 1:100 Host/Isotype: Rabbit/IgG Flow cytometric analysis of Rabbit IgG isotype control (Cat#: bs-10612R) on Neuro-2a (green) compared with control in the absence of primary antibody (blue) followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG(H+L) secondary antibody.



IHC (Immunohistochemistry)

Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 degree C for 30min; Antibody incubation with (Dopamine Receptor D1) Polyclonal Antibody, Unconjugated (bs-10612R) at 1:400 overnight at 4 degree C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

NCBI AND UNIPROT INFORMATION

NCBI GI #	620597353
NCBI GeneID	13488
NCBI Accession #	NP_001278730.1
NCBI GenBank Nucleotide #	NM_001291801.1
UniProt Accession #	Q61616; Q8C8P8; B2RPW8
Molecular Weight	49,612 Da
NCBI Official Full Name	D(1A) dopamine receptor
NCBI Official Synonym Full Names	dopamine receptor D1A
NCBI Official Symbol	Drd1a
NCBI Official Synonym Symbols	Drd1; Drd-1; Gpcr15; C030036C15Rik
NCBI Protein Information	D(1A) dopamine receptor; D(1A) dopamine receptor; D1 receptor; dopamine D1 receptor; D1A dopamine receptor; G protein-coupled receptor DRD1
UniProt Protein Name	D(1A) dopamine receptor
UniProt Gene Name	Drd1
UniProt Synonym Gene Names	Drd1a; Gpcr15
UniProt Entry Name	DRD1_MOUSE

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-immunocytochemistry-immunofluorescence-immunohistochemistry-immunohistochemistry-western-blot-elisa/291288>