

Rabbit anti-Human, mouse DRD5 Polyclonal Antibody | anti-DRD5 antibody

DRD5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230101	Rabbit	Human, mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

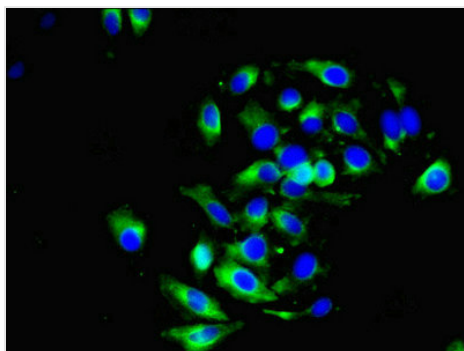
PRODUCT SYNONYMS

DRD5; Polyclonal Antibody; DRD5 Antibody; D(1B) dopamine receptor; D(5) dopamine receptor; D1beta dopamine receptor; Dopamine D5 receptor; DRD1B; DRD1L2; anti-DRD5 antibody

PRODUCT SPECIFICATIONS

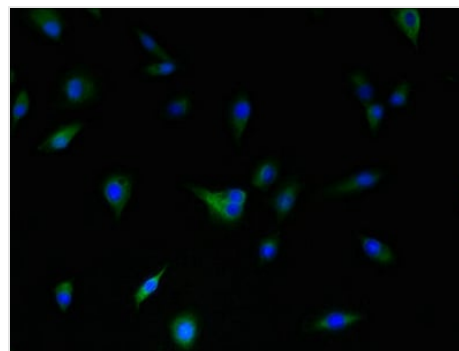
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	477
Applicable Applications for anti-DRD5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human D(1B) dopamine receptor protein(361-477AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1440 / sc-25650
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



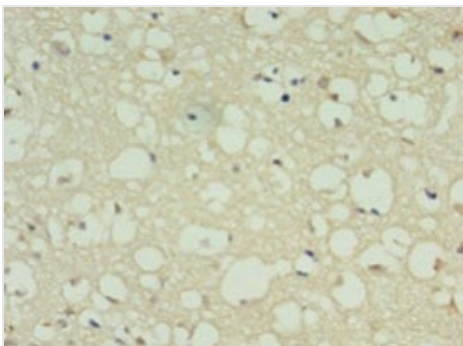
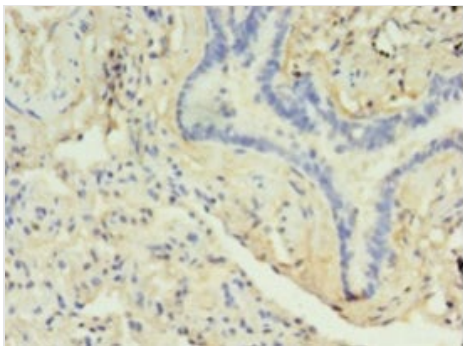
IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA230101 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



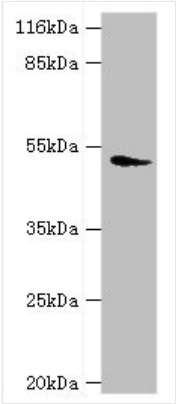
IF (Immunofluorescence)

Immunofluorescent analysis of U87 cells using AAA230101 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer tissue using AAA230101 at dilution 1:100

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA230101 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: DRD5 antibody at 2ug/ml+mouse brain tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 53kDaObserved band size: 53kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DRD5 antibody	Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503391
NCBI GeneID	1816
NCBI Accession #	NP_000789.1
NCBI GenBank Nucleotide #	NM_000798.4
UniProt Accession #	P21918; Q8NEQ8; B2R9S3
Molecular Weight	52,951 Da
NCBI Official Full Name	D(1B) dopamine receptor
NCBI Official Synonym Full Names	dopamine receptor D5
NCBI Official Symbol	DRD5
NCBI Official Synonym Symbols	DBDR; DRD1B; DRD1L2
NCBI Protein Information	D(1B) dopamine receptor
UniProt Protein Name	D(1B) dopamine receptor
UniProt Gene Name	DRD5

UniProt Synonym Gene Names	DRD1B; DRD1L2
UniProt Entry Name	DRD5_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/drd5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230101>