

Rabbit anti-Human, mouse DRD2 Polyclonal Antibody | anti-DRD2 antibody

DRD2 Antibody (C-term)

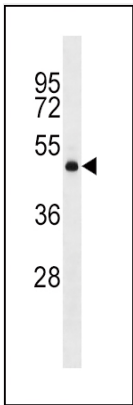
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28691	Rabbit	Human, mouse	Western Blot, ELISA

PRODUCT SYNONYMS

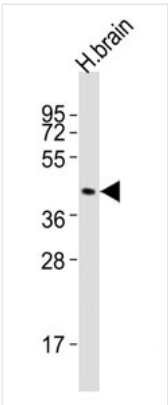
DRD2; Polyclonal Antibody; DRD2 Antibody (C-term); D(2) dopamine receptor; Dopamine D2 receptor; anti-DRD2 antibody

PRODUCT SPECIFICATIONS

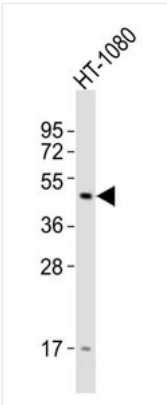
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DRD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 307-336 amino acids from the C-terminal region of human DRD2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	307-336
Applicable Applications for anti-DRD2 antibody	WB (Western Blot), ELISA
Application Notes	WB~~1:1000
Antigen Type	Synthetic Peptide
Cellular Location	Cell membrane; Multi-pass membrane protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 Weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



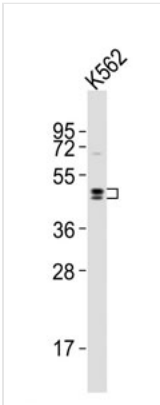
WB (Western Blot)
DRD2 Antibody (C-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the DRD2 antibody detected the DRD2 protein (arrow).



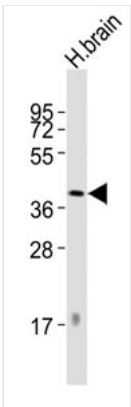
WB (Western Blot)
Anti-DRD2 Antibody (C-term) at 1:2000 dilution + human brain lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 51 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



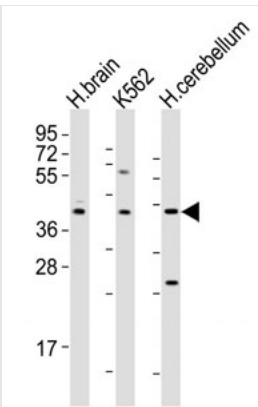
WB (Western Blot)
Anti-DRD2 Antibody (C-term) at 1:2000 dilution + HT-1080 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 51 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-DRD2 Antibody (C-term) at 1:1000 dilution + K562 whole cell lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 51 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
Anti-DRD2 Antibody (C-term) at 1:2000 dilution + human brain lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 51 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
All lanes : Anti-DRD2 Antibody (C-term) at 1:2000 dilutionLane 1: human brain lysatesLane 2: K562 whole cell lysatesLane 3: human cerebellum lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 51 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-DRD2 antibody	This gene encodes the D2 subtype of the dopamine receptor. This G-protein coupled receptor inhibits adenylyl cyclase activity. A missense mutation in this gene causes myoclonus dystonia; other mutations have been associated with schizophrenia. Alternative splicing of this gene results in two transcript variants encoding different isoforms. A third variant has been described, but it has not been determined whether this form is normal or due to aberrant splicing.
Product Categories/Family for anti-DRD2 antibody	Neuroscience; Signal Transduction; GPCR Antibodies
References	Verma, V., et al. J. Biol. Chem. 285(45):35092-35103(2010) Borrito-Escuela, D.O., et al. Biochem. Biophys. Res. Commun. 401(4):605-610(2010) Stelzel, C., et al. J. Neurosci. 30(42):14205-14212(2010) Huang, H.Y., et al. J. Formos. Med. Assoc. 109(10):736-739(2010) Itokawa, M., et al. J. Pharmacol. Sci. 114(1):1-5(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503385
NCBI GeneID	1813
NCBI Accession #	NP_000786.1; NP_057658.2
NCBI GenBank Nucleotide #	NM_000795.3
UniProt Accession #	P14416; Q9NZR3; Q9UPA9
NCBI Official Full Name	D(2) dopamine receptor isoform long
NCBI Official Synonym Full Names	dopamine receptor D2
NCBI Official Symbol	DRD2
NCBI Official Synonym Symbols	D2R; D2DR
NCBI Protein Information	D(2) dopamine receptor
UniProt Protein Name	D(2) dopamine receptor
UniProt Gene Name	DRD2
UniProt Entry Name	DRD2_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://www.aaabiotech.com/polyclonal/drd2-antibody-western-blot-elisa/28691>