

Rabbit Dopamine Receptor D3 Polyclonal Antibody | anti-DRD3 antibody

Anti-Dopamine Receptor D3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44936	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

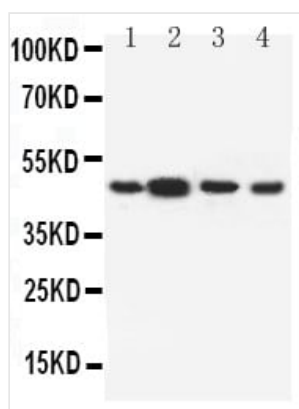
PRODUCT SYNONYMS

Dopamine Receptor D3; Polyclonal Antibody; Anti-Dopamine Receptor D3 antibody; D(3) dopamine receptor; dopamine receptor D3; 3dopamine receptor antibody; D antibody; D(3) dopamine receptor antibody; Dopamine D3 receptor antibody; Dopamine receptor D3 antibody; DRD3 antibody; DRD3_HUMAN antibody; ETM1 antibody; FET1 antibody; anti-DRD3 antibody

PRODUCT SPECIFICATIONS

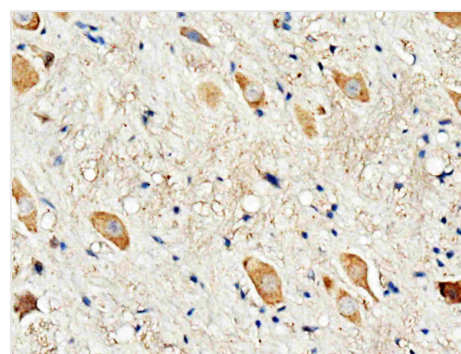
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	400
Applicable Applications for anti-DRD3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Dopamine Receptor D3 (352-367aa NTHCQTCHVSPELYSA), different from the related rat and mouse sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti-Dopamine Receptor D3 antibody, AAA44936, Western blotting
Lane 1: Rat Testis Tissue
Lane 2: Rat Brain Tissue Lysate
Lane 3: U87 Cell Lysate
Lane 4: HELA Cell Lysate



IHC (Immunohistochemistry)

Anti-Dopamine Receptor D3 antibody, AAA44936, IHC(P)IHC(P): Rat Brain Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-DRD3 antibody	Description: Rabbit IgG polyclonal antibody for D(3) dopamine receptor(DRD3) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: DRD3 is a dopamine receptor that differs in its pharmacology and signaling system from the D1 and D2 receptors and represents both an autoreceptor and a postsynaptic receptor. DRD3 is localized to limbic areas of the brain, which are associated with cognitive, emotional, and endocrine functions. The DRD3 gene, which is mapped to chromosome 3, is like the DRD2 gene but unlike most other members of this superfamily and it contains introns, 5 in number. The position of 2 of the introns corresponds to that of introns in DRD2. The D3 receptor appeared to mediate some of the effects of antipsychotic drugs and drugs used in the treatment of Parkinson disease, which were previously thought to interact only with D2 receptors.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1169206
NCBI GeneID	1814
UniProt Accession #	P35462; Q4VBM8; A1A4V5
Molecular Weight	40,760 Da
NCBI Official Full Name	D(3) dopamine receptor
NCBI Official Synonym Full Names	dopamine receptor D3
NCBI Official Symbol	DRD3
NCBI Official Synonym Symbols	D3DR; ETM1; FET1
NCBI Protein Information	D(3) dopamine receptor; D(3) dopamine receptor; essential tremor 1
UniProt Protein Name	D(3) dopamine receptor
UniProt Gene Name	DRD3
UniProt Entry Name	DRD3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dopamine-receptor-d3-antibody-immunohistochemistry-western-blot-elisa/44936>