

Anti-DRD1 / Dopamine Receptor D1 Antibody (aa187-232)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18271

Product Information

Application	WB, IHC-P, IF
Primary Accession	P21728
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49293

Additional Information

Gene ID	1812
Alias Symbol Other Names	DRD1 DRD1, D(1A) dopamine receptor, D1a dopamine receptor, Dopamine d-1 receptor, Dopamine receptor d1a, DRD1A, DADR, Dopamine d1a receptor, Dopamine receptor D1, Dopamine 1 receptor, Dopamine type 1 receptor, D-1 dopamine receptor, D1 dopamine receptor, ...
Target/Specificity	Human DRD1 / Dopamine Receptor D1.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-DRD1 / Dopamine Receptor D1 Antibody (aa187-232) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DRD1
Function	Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase. Forms heterotetramers with DRD3 to potentiate beta-arrestin recruitment and mediate locomotor activity.
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P18901}; Multi-pass membrane protein {ECO:0000250 UniProtKB:P18901}. Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:P18901}; Multi-pass membrane protein {ECO:0000250 UniProtKB:P18901}. Cell projection, cilium membrane; Multi-pass membrane protein. Cell projection, dendrite {ECO:0000250 UniProtKB:Q61616}. Cell projection, dendritic spine {ECO:0000250 UniProtKB:Q61616}. Note=Transport from the endoplasmic reticulum to the cell surface is regulated by interaction with DNAJC14 {ECO:0000250 UniProtKB:P18901}

Tissue Location

Detected in caudate, nucleus accumbens and in the olfactory tubercle.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.