

Datasheet for ABIN2620163 **anti-DRD5 antibody (AA 388-407)**

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Overview

Quantity:	100 µg
Target:	DRD5
Binding Specificity:	AA 388-407
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRD5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Dopamine Receptor D5(388-407aa LISYNQDTVHREIAAAYVH), different from the related rat sequence by two amino acids, and from the related human sequence by three amino acids.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	DRD5
Alternative Name:	DRD5 / Dopamine Receptor D5 (DRD5 Products)

Target Details

Background:	Name/Gene ID: DRD5
	Subfamily: Dopamine
	Family: GPCR
	Synonyms: DRD5, D(5) dopamine receptor, D1beta dopamine receptor, D5 dopamine receptor, Dopamine 5 receptor, Dopamine receptor D5, DRD1B, D(1B) dopamine receptor, D1b dopamine receptor, D1b receptor, DBDR, Dopamine receptor 5, DRD1L2, Hd5dr, Dopamine d1b receptor, Dopamine D5 receptor, Dopamine receptor D1B
Gene ID:	1816
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones, cAMP Metabolic Process, Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2 HPO4, 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles.