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Datasheet for ABIN4908899 **anti-DRD4 antibody**

Overview

Quantity:	100 µL
Target:	DRD4
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DRD4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This DRD4 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 365-391 amino acids from the Central region of human DRD4.
Clone:	5C4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	DRD4
Alternative Name:	DRD4 (DRD4 Products)
Background:	Synonyms: D4DR, D(4) dopamine receptor, D(2C) dopamine receptor, Dopamine D4 receptor,

Target Details

DRD4

Background: Dopamine receptor responsible for neuronal signaling in the mesolimbic system of the brain, an area of the brain that regulates emotion and complex behavior. Its activity is mediated by G proteins which inhibit adenylyl cyclase. Modulates the circadian rhythm of contrast sensitivity by regulating the rhythmic expression of NPAS2 in the retinal ganglion cells (By similarity).

Gene ID:	1815
UniProt:	P21917
Pathways:	cAMP Metabolic Process , Synaptic Membrane , Proton Transport , Photoperiodism , Negative Regulation of Transporter Activity

Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months