

Datasheet for ABIN6257138
anti-DRD5 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DRD5
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRD5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human DRD5, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	DRD5 Antibody detects endogenous levels of total DRD5.
Predicted Reactivity:	Pig
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	DRD5
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Target Details

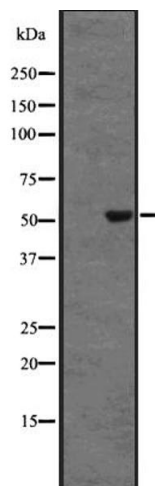
Alternative Name:	DRD5 (DRD5 Products)
Background:	Description: Dopamine receptor whose activity is mediated by G proteins which activate adenylyl cyclase. Gene: DRD5
Molecular Weight:	53 kDa
Gene ID:	1816
UniProt:	P21918
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones , cAMP Metabolic Process , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

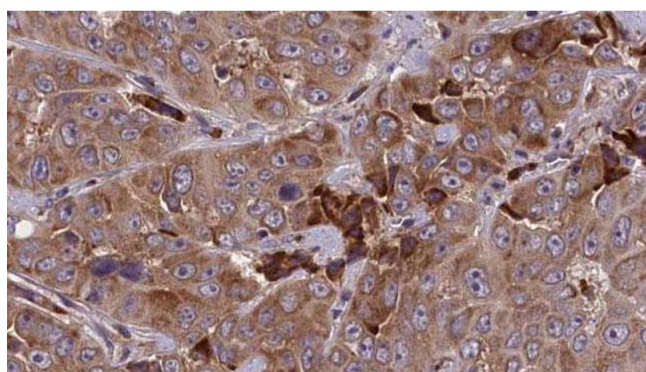
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of DRD5 expression in HEK293 cells. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6273843 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.