



Datasheet for ABIN7004650 anti-DRD3 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	20 µL
Target:	DRD3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRD3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human DRD3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	DRD3
Alternative Name:	DRD3 (DRD3 Products)
Background:	This gene encodes the D3 subtype of the five (D1-D5) dopamine receptors. The activity of the D3 subtype receptor is mediated by G proteins which inhibit adenylyl cyclase. This receptor is localized to the limbic areas of the brain, which are associated with cognitive, emotional, and endocrine functions. Genetic variation in this gene may be associated with susceptibility to

Target Details

hereditary essential tremor 1. Alternative splicing of this gene results in transcript variants encoding different isoforms, although some variants may be subject to nonsense-mediated decay (NMD).

UniProt: [P35462](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [cAMP Metabolic Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Proton Transport](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: IHC 1:30-1:150, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.2 mg/mL

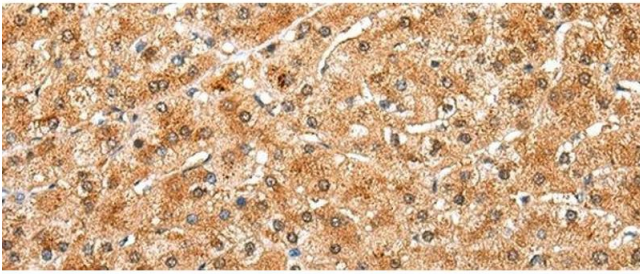
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

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

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using DRD3 Polyclonal Antibody at dilution of 1:25(x200)