

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07424 - Goat Anti-DRD5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DRD5, dopamine receptor D5, DBDR, DRD1B, DRD1L2, MGC10601, D1beta dopamine receptor, dopamine receptor D1B

Official Symbol: DRD5

Accession Number(s): NP_000789.1

Human GeneID(s): [1816](#)

Immunogen

Peptide with sequence C-NREVDNDEEEGPFD, from the internal region of the protein sequence according to NP_000789.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Preliminary experiments gave an approx 75-80kDa band in lysates of Human Brain (hippocampus), Kidney, Spleen and Thymus after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 53.0kDa according to NP_000789.1. The 75-80kDa band was successfully blocked by incubation with the immunizing peptide.

Species Reactivity

Tested:

Expected from sequence similarity: Human