

Datasheet

DRD3 polyclonal antibody

MGC149205

Catalog Number: PAB26230**Regulation Status:** For research use only (RUO)**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of DRD3.**Immunogen:** A synthetic peptide corresponding to 18 amino acid at cytoplasmic domain of human DRD3.**Host:** Rabbit**Reactivity:**

Chimpanzee, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig

Applications: IHC-P

(See our web site product page for detailed applications information)

Protocols: See our web site at<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Specificity:** BLAST analysis of the peptide immunogen showed no homology with other human proteins.**Form:** Liquid**Purification:** Immunoaffinity chromatography**Recommend Usage:** Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections) (16-32 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.1% sodium azide)**Storage Instruction:** Store at 4°C. For long term storage store at -80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1814**Gene Symbol:** DRD3**Gene Alias:** D3DR, ETM1, FET1, MGC149204,**Gene Summary:** 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 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). [provided by RefSeq]