

DRD3 Conjugated Antibody

Catalog No: #C38253



Package Size: #C38253-AF350 100ul #C38253-AF405 100ul #C38253-AF488 100ul
 #C38253-AF555 100ul #C38253-AF594 100ul #C38253-AF647 100ul
 #C38253-AF680 100ul #C38253-AF750 100ul #C38253-Biotin 100ul

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Description

Product Name	DRD3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total DRD3 antibody.
Immunogen Description	Recombinant protein of human DRD3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	D3DR; ETM1; FET1;
Accession No.	Swiss-Prot#:P35462NCBI Gene ID:1814
Uniprot	P35462
GeneID	1814;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	44
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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 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).

Note: This product is for in vitro research use only