

Immunotag™ PDE10A Antibody

Antibody Specification	
Catalog No.	ITA2192
Product Description	Immunotag™ PDE10A Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PDE10A
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PDE10A
Specificity	PDE10A Antibody detects endogenous levels of total PDE10A
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PDE10A
Accession No.	Q9Y233
Alternate Names	5''-cyclic phosphodiesterase 10A; cAMP and cAMP inhibited cGMP 3'5' cyclic phosphodiesterase 10A; cAMP and cAMP-inhibited cGMP 3''; FLJ11894; HSPDE 10A; HSPDE10A; PDE 10A; PDE10_HUMAN; Pde10a; Phosphodiesterase 10A; Phosphodiesterase 10A1;

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Description	Plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. Can hydrolyze both cAMP and cGMP, but has higher affinity for cAMP and is more efficient with cAMP as substrate. May play a critical role in regulating cAMP and cGMP levels in the striatum, a region of the brain that contributes to the control of movement and cognition.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	75kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.