

**Immunotag™ PDE1B Antibody**

Antibody Specification	
Catalog No.	ITA9040
Product Description	Immunotag™ PDE1B 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	PDE1B
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PDE1B
Specificity	PDE1B Antibody detects endogenous levels of total PDE1B
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	PDE1B
Accession No.	Q01064
Alternate Names	5''-cyclic nucleotide phosphodiesterase 1B; 63 kDa Cam PDE; 63 kDa Cam-PDE; Calcium/calmodulin dependent 3' 5' cyclic nucleotide Phosphodiesterase 1B; Calcium/calmodulin stimulated cyclic nucleotide phosphodiesterase; Calcium/calmodulin-dependent 3''; Calmodulin stimulated phosphodiesterase PDE1B1; Cam PDE 1B; Cam PDE1B; Cam-PDE 1B; PDE 1B; PDE1B; PDE1B_HUMAN; PDE1B1; PDES 1B; PDES1B; Phosphodiesterase 1B; Phosphodiesterase 1B calmodulin dependent; Presumed 63kDa form of the type 1 cyclic nucleotide phosphodiesterase family known as PDE1B;

## Antibody Specification

Description	Cyclic nucleotide phosphodiesterase with a dual-specificity for the second messengers cAMP and cGMP, which are key regulators of many important physiological processes. Has a preference for cGMP as a substrate.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	61 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.