

**Immunotag™ Phospho-Tyrosine Hydroxylase (Ser19) Antibody**

Antibody Specification	
Catalog No.	ITA0887
Product Description	Immunotag™ Phospho-Tyrosine Hydroxylase (Ser19) 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	Phospho-Tyrosine Hydroxylase (Ser19)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Tyrosine Hydroxylase around the phosphorylation site of Serine 19
Specificity	Phospho-Tyrosine Hydroxylase (Ser19) Antibody detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at Serine 19
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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	TH
Accession No.	P07101
Alternate Names	Dystonia 14; DYT14; DYT5b; EC 1.14.16.2; OTTHUMP00000011225; OTTHUMP00000011226; ple; Protein Pale; TH; The; TY3H_HUMAN; TYH; Tyrosine 3 hydroxylase; Tyrosine 3 monooxygenase; Tyrosine 3-hydroxylase; Tyrosine 3-monooxygenase; Tyrosine hydroxylase;

## Antibody Specification

Description	Plays an important role in the physiology of adrenergic neurons.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	60kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.