

Datasheet for ABIN598296

anti-Tyrosine Hydroxylase antibody (pSer40)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	pSer40
Reactivity:	Human, Rat, Mouse, Dog, Rabbit, Cow, Chicken, Monkey, Bat, Xenopus laevis, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic phosphopeptide corresponding to human Tyrosine Hydroxylase around the phosphorylation site of serine 40(R-Q-SP-L-I).
	Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Recognizes human Tyrosine Hydroxylase when phosphorylated at serine 40. Species cross-reactivity: mouse, rat.
Purification:	Immunoaffinity purified

Target Details

Target:	Tyrosine Hydroxylase (TH)
Alternative Name:	TH / Tyrosine Hydroxylase (TH Products)
Background:	Name/Gene ID: TH Family: Monooxygenase Synonyms: TH, DYT14, Dystonia 14, TYH, Tyrosine 3-hydroxylase, Tyrosine hydroxylase, DYT5b, Tyrosine 3-monooxygenase
Gene ID:	7054
UniProt:	P07101
Pathways:	Dopaminergic Neurogenesis , Response to Water Deprivation , Sensory Perception of Sound , Carbohydrate Homeostasis , Feeding Behaviour

Application Details

Application Notes:	Approved: IF (1:100 - 1:200) Usage: Suitable for use in Immunofluorescence:1:100-1:200.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS (without Mg ²⁺ , Ca ²⁺), pH 7.4, 150 mM sodium chloride, 0.02 % sodium azide, 50 % glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	May be stored at 4°C for short-term only. Aliquot to avoid freeze-thaw cycles. Store at -20°C.

Aliquots are stable for at least 1 year.