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Datasheet for ABIN5621462

**anti-Tyrosine Hydroxylase antibody (pSer40)**

## Overview

Quantity:	100 µg
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	pSer40
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Immunofluorescence (IF)

## Product Details

Immunogen:	Tyrosine Hydroxylase antibody was raised in Rabbit using a synthesized phosphopeptide derived from human Tyrosine Hydroxylase around the phosphorylation site of serine 40(R-Q-SP-L-I) as the immunogen.
Isotype:	IgG
Specificity:	Tyrosine Hydroxylase antibody (Ser40) detects endogenous levels of Tyrosine Hydroxylase only when phosphorylated at serine 40
Cross-Reactivity (Details):	Mouse, Rat
Characteristics:	Rabbit Polyclonal Tyrosine Hydroxylase antibody (Ser40)
Purification:	Tyrosine Hydroxylase antibody was purified by affinity chromatography

## Target Details

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Target:	Tyrosine Hydroxylase (TH)
Alternative Name:	Tyrosine Hydroxylase ( <a href="#">TH Products</a> )
Pathways:	<a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Response to Water Deprivation</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Feeding Behaviour</a>

## Application Details

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Application Notes:	IF:1:100-1:200
Restrictions:	For Research Use only

## Handling

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Buffer:	Supplied in PBS buffer (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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.
Storage:	-20 °C
Storage Comment:	Store at -20 deg C in small aliquots. Avoid repeat freeze/thaw cycles