

Datasheet for ABIN222754

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

Overview

Quantity:	100 µL
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	pSer40
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide from the phosphoSer40 of rat Tyrosine Hydroxylase. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Tyrosine Hydroxylase, phosphoSer40. The antibody recognizes a protein of 60kD corresponding to TH phosphorylated at Ser40. Depending on brain region being studied, protein loads and detection methods used some higher molecular weight bands may be detected. Species cross-reactivity: 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: IP, WB Usage: Suitable for use in Western Blot, Immunoprecipitation.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Dulbeccos PBS (divalent-deficient), 10 mM HEPES, pH 7.2, 20 mM Tris-HCl, pH 7.6, 1 mg/mL BSA, 0.1 % PVP-40, 0.05 % Tween 20, 0.1 % sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Short term: 4°C Long term: Add glycerol (40-50%) -20°C.