

Datasheet for ABIN293223

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

Overview

Quantity:	100 µL
Target:	Tyrosine Hydroxylase (TH)
Reactivity:	Rat
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Native tyrosine hydroxylase from rat pheochromocytoma. Type of Immunogen: Purified protein
Isotype:	IgG
Specificity:	Recognizes tyrosine hydroxylase. Cross-reacts with all mammalian forms and some non-mammalian forms.
Purification:	Affinity purified

Target Details

Target:	Tyrosine Hydroxylase (TH)
Alternative Name:	TH / Tyrosine Hydroxylase (TH Products)
Background:	Name/Gene ID: TH

Target Details

	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: IHC (0.02 - 0.1 µg/mL), WB (0.05 - 0.1 µg/mL) Usage: Suitable for use in Western Blot and Immunohistochemistry (peroxidase). Western Blot: 0.05-0.1 µg/mL readily detected 1-10 ng of TH/lane using 125I-protein A. Immunohistochemistry: 0.02-0.1 µg/mL produced specific labeling of noradrenergic axons in primate cerebral cortex. Using horseradish peroxidase (HRP). Note: It is important to use a secondary antibody that has significant reactivity to sheep IgG1 since the majority of the sheep immunoglobulin is IgG1.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Dulbeccos PBS, 10 % glycerol, 10 mM HEPES, 20 mM Tris-HCl, 0.1 % PVP-40, 0.05 % Tween-20, 0.1 % sodium azide, 1 mg/mL BSA.
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:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.