

Datasheet for ABIN6757239

anti-Tyrosine Hydroxylase antibody (AA 1-20)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	AA 1-20
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Monkey, Guinea Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	Purified rat tyrosine hydroxylase (TH).
Isotype:	IgG1
Specificity:	Recognizes intact and the N-terminal (1-20aa) region of TH. Species cross-reactivity: Rat, mouse, human, bovine, monkey, sheep, guinea pig and rabbit. The monoclonal antibody has broad species cross-reactivity.
Purification:	Immunoaffinity purified

Target Details

Target:	Tyrosine Hydroxylase (TH)
Alternative Name:	TH / Tyrosine Hydroxylase (TH Products)

Target Details

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 (1:1000 - 1:5000) Usage: Suitable for use in Western Blot and Immunoprecipitation. Western Blot: 1:1000-1:5000 using Chemiluminescence substrates. Immunoprecipitation (Native and denatured TH): 10-20 µL antibody per 100-200 µg of protein extracts.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.02 % sodium merthiolate or 0.1 % sodium azide as preservative, 40 % glycerol.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.