

Datasheet for ABIN226593

anti-Tyrosine Hydroxylase antibody (AA 139-155)



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Overview

Quantity:	500 µg
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	AA 139-155
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Human phenylalanine hydroxylase sequence between aa139-155. Type of Immunogen: Purified protein
Isotype:	IgG1
Specificity:	Binds a common epitope of human Tryptophan hydroxylase (TRH), Tyrosine hydroxylase (TYH) and Phenylalanine hydroxylase (PAH). Species cross-reactivity: Rat.
Purification:	Protein G purified

Target Details

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

Target Details

Pathways:	Dopaminergic Neurogenesis , Response to Water Deprivation , Sensory Perception of Sound , Carbohydrate Homeostasis , Feeding Behaviour
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Application Details

Application Notes:	Approved: IHC (1:1000 - 1:5000), IP, WB Usage: Suitable for use in the identification of dopaminergic and serotonergic neurons by Immunohistochemistry. Also suitable for Western Blot, Immunoprecipitation and Immunohistochemistry of TYH, PAH and TRH. Immunohistochemistry: 1:1000-1:5000.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.1. No preservatives.
Preservative:	Without preservative
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.