

Datasheet for ABIN6757539

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

Overview

Quantity:	100 µL
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Tyrosine Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Rat tyrosine hydroxylase.
Isotype:	IgM
Specificity:	Recognizes an epitope within the catalytically-active C-terminal end-product. This C-terminal product is ~34kD. (This end product is the result of a partial digestion of the rat TH with chymotrypsin.) Species cross-reactivity: Human, primate, mouse.
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: IHC, IHC-Fr, WB (1:1000 - 1:2000) Usage: Suitable for use in Western Blot and Immunohistochemistry. Western Blot: 1:1000-1:2000. Immunohistochemistry: 1:1000 -1:2000 in PBS/0.3 % Triton X-100 Cy3 Technique 1:4000-1:8000 in PBS/0.3 % Triton X-100 Bn-Av/HRP Technique. Control Tissue: Rat striatum and substantia nigra. Perfusion Fixation: Fixative-4 % paraformaldehyde in 0.1 M Phosphate buffer, pH 7.4. Post Fixation-1.5 hr. at 4? C in 4 % paraformaldehyde in 0.1 M Phosphate buffer, pH 7.4. Sections: 10um cryostat frozen sections or 50um vibratome sections.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	deionized water
Concentration:	Lot specific
Buffer:	Lyophilized.