

Datasheet for ABIN4914980

anti-Tyrosine Hydroxylase antibody (AA 115-160) (PE)



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Overview

Quantity:	100 µL
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	AA 115-160
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosine Hydroxylase antibody is conjugated to PE
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Tyrosine Hydroxylase
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow
Purification:	Purified by Protein A.

Target Details

Target:	Tyrosine Hydroxylase (TH)
Alternative Name:	Tyrosine Hydroxylase (TH Products)
Background:	Synonyms: TYH, DYT14, DYT5b, Tyrosine 3-monooxygenase, Tyrosine 3-hydroxylase, TH

Target Details

Background: Neuronal Marker Tyrosine hydroxylase is involved in the conversion of tyrosine to dopamine. As the rate-limiting enzyme in the synthesis of catecholamines, tyrosine hydroxylase has a key role in the physiology of adrenergic neurons. Tyrosine hydroxylase is regularly used as a marker for dopaminergic neurons, which is particularly relevant for research into Parkinson's disease.

Gene ID: 7054

UniProt: [P07101](#)

Pathways: [Dopaminergic Neurogenesis](#), [Response to Water Deprivation](#), [Sensory Perception of Sound](#), [Carbohydrate Homeostasis](#), [Feeding Behaviour](#)

Application Details

Application Notes: FCM 1:20-100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months