

Datasheet for ABIN5012136

anti-Tyrosine Hydroxylase antibody (AA 101-165) (AbBy Fluor® 680)



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Overview

Quantity:	100 µL
Target:	Tyrosine Hydroxylase (TH)
Binding Specificity:	AA 101-165
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tyrosine Hydroxylase antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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)

Target Details

Background:	Synonyms: TYH, DYT14, DYT5b, Tyrosine 3-monooxygenase, Tyrosine 3-hydroxylase, TH 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:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months