

**Product Name: Tyrosine Hydroxylase (15J18) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe19471**

---



## Summary

<b>Production Name</b>	Tyrosine Hydroxylase (15J18) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P,ICC/IF,FC,IF-P
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type
<b>Buffer</b>	preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	TH
<b>Alternative Names</b>	EC 1.14.16.2; TH isoform 3; TH isoform a, TH-4;TY3H; TYH; Tyrosine 3-hydroxylase; Tyrosine 3-monooxygenase; tyrosine hydroxylase;
<b>Gene ID</b>	7054.0
<b>SwissProt ID</b>	P07101.

## Application

<b>Dilution Ratio</b>	WB 1:1000, IHC-P/IF-P 1:100, ICC/IF 1:100, FCM 1:20
<b>Molecular Weight</b>	59kDa

**Product Name: Tyrosine Hydroxylase (15J18) Rabbit  
Monoclonal Antibody  
Catalog #: AMRe19471**

---

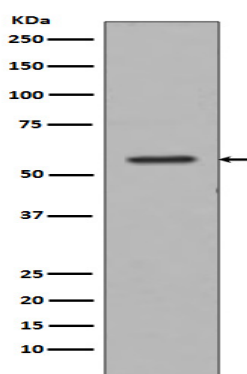


## Background

Tyrosine hydroxylase (EC 1.14.16.2) is involved in the conversion of phenylalanine to dopamine. As the rate-limiting enzyme in the synthesis of catecholamines, tyrosine hydroxylase has a key role in the physiology of adrenergic neurons. Plays an important role in the physiology of adrenergic neurons (By similarity). Positively regulates the regression of retinal hyaloid vessels during postnatal development (By similarity).

## Research Area

## Image Data



Western blot analysis of Tyrosine Hydroxylase expression in PC-3 cell lysate.

## Note

For research use only.