

# Tyrosine Hydroxylase Rabbit mAb (AR1580)

## Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	59kD (Calculated) 59kD (Observed)

## Recommended Dilution Ratios

IHC:	1:500-2000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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## Basic Information

Clonality	Monoclonal
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## Immunogen Information

Specificity	Endogenous
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## Target Information

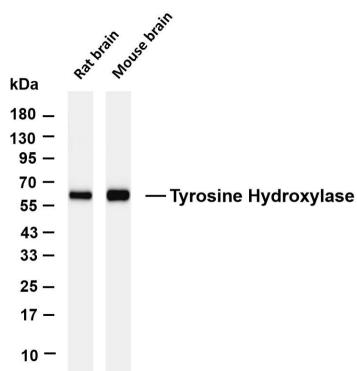
Gene name	TH TYH
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Protein Name	Tyrosine 3-monooxygenase (Tyrosine 3-hydroxylase) (TH), Tyrosine Hydrolase
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Organism	Gene ID	UniProt ID
Human	7054	P07101
Mouse	21823	P24529
Rat	25085	P04177

Tissue specificity	Mainly expressed in the brain and adrenal glands.
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## Validation Data



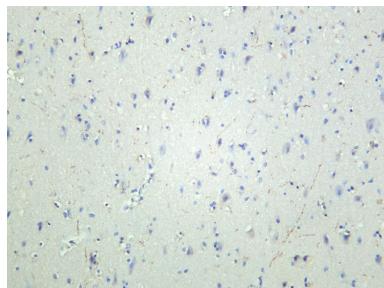
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Tyrosine Hydroxylase antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: Rat brain

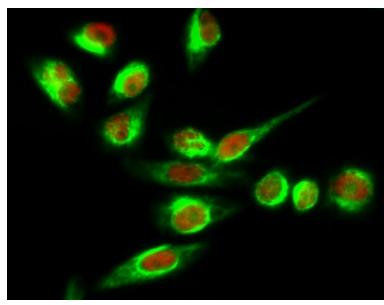
Lane 2: Mouse brain

Predicted band size: 59kDa

Observed band size: 59kDa



Human brain was stained with anti-Tyrosine Hydroxylase rabbit antibody



Immunofluorescence analysis of HeLa cell.

1. TH Monoclonal Antibody(red) was diluted at 1:200(4 ° overnight). GAPDH Monoclonal Antibody(2B8)(green) was diluted at 1:200 (4° overnight).
2. Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).

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