

# Tyrosine hydroxylase Polyclonal Antibody

catalog number: E-AB-40585

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

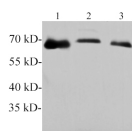
<b>Reactivity</b>	Mouse;Rat
<b>Immunogen</b>	Recombinant Mouse Tyrosine hydroxylase protein expressed by E.coli.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

## Applications

## Recommended Dilution

**WB** 1:500-2000

## Data



Western blotting with anti-Tyrosine hydroxylase polyclonal antibody at dilution of 1:1000. Lane 1: Mouse brain lysate, Lane 2: PC-12 cell lysate, lane 3: Rat brain lysate.

**Observed-MV:55-60 kDa**

**Calculated-MV:55 kDa**

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## Background

TH (Tyrosine 3-hydroxylase), also known as Tyrosine 3-monoxygenase, is a 60-62 kDa member of the bipterin-dependent aromatic amino acid hydroxylase family of molecules. It is expressed by neurons of the dopamine and autonomic nervous system, plus the neuroendocrine cells of the adrenal medulla. TH is considered the rate limiting enzyme for catecholamine synthesis, and serves to catalyze the hydroxylation of L-tyrosine.

## For Research Use Only