

Recombinant TH/Tyrosine Hydroxylase Monoclonal Antibody

catalog number: AN300167P

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

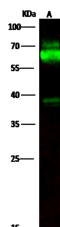
Description

Reactivity	Mouse
Immunogen	Recombinant Mouse TH / Tyrosine Hydroxylase protein
Host	Rabbit
Isotype	IgG
Clone	5H6
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with TH / Tyrosine Hydroxylase Monoclonal

Antibody at dilution of 1:500. Lane A: PC12 Whole Cell

Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:63 kDa

Calculated-MW:58 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

TH (Tyrosine 3-hydroxylase), also known as Tyrosine 3-monooxygenase, 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.

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