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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

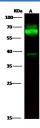
Host Rabbit Isotype lgG Clone A1281 **Purification** Protein A

Buffer 0.2 µm filtered solution in PBS

Applications Recommended Dilution

1:500-1:2000 **WB**

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

This antibody can be stored at 2°C-8°C for one month without detectable loss of **Storage**

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 biopterindependent 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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