Tyrosine hydroxylase Polyclonal Antibody

catalog number: **E-AB-40585**

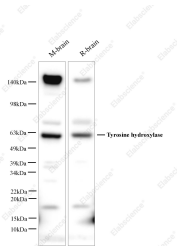
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse;Rat
Immunogen	Recombinant Mouse Tyrosine hydroxylase protein expressed by E.coli.
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-2000

Data



Western blot with Anti Tyrosine hydroxylase Polyclonal antibody at dilution of 1:1000. Lane 1:Mouse brain tissue lysate,Lane 2:Rat brain tissue lysate.

Observed-MW:55-60 kDa

Calculated-MW:55 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	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-monooxygenase, is a 60-62 kDa member of the biopterin-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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