BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Tyrosine Hydroxylase Antibody (Monoclonal, 35T55)

Catalog Number: M01917-3

About Th

Tyrosine hydroxylase is involved in the conversion of phenylalanine to dopamine. As the rate-limiting enzyme in the synthesis of catecholamines, tyrosine hydroxylase has a key role in the physiology of adrenergic neurons. Human TH gene contains 13 primary exons and spans approximately 8 kb. TH is in the 11p15.5 region.

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Overview

Product Name	Anti-Tyrosine Hydroxylase Antibody (Monoclonal, 35T55)
Reactive Species	Human, Mouse, Rabbit, Rat
Description	Boster Bio Anti-Tyrosine Hydroxylase Antibody (Monoclonal, 35T55) catalog # M01917-3. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rabbit, Rat.
Application	IHC, WB
Clonality	Monoclonal 35T55
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P04177

Technical Details

Immunogen	Rat tyrosine hydroxylase (TH).
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1

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Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, rat, rabbit Immunohistochemistry (Frozen Section), 0.5-1ug/ml, Human, rat, rabbit, - Western blot, 0.25-0.5ug/ml, Human, mouse, rat, rabbit

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For Research Use Only. Not for use in diagnostic procedures.