BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-TH Antibody (C-term)

Catalog Number: A01917

About TH

TH is involved in the conversion of tyrosine to dopamine. It is the rate-limiting enzyme in the synthesis of catecholamines, hence plays a key role in the physiology of adrenergic neurons.

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Overview

Product Name	Anti-TH Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-TH Antibody (C-term) (Catalog # A01917). Tested in WB, Flow Cytometry, IHC-P application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P07101

Technical Details

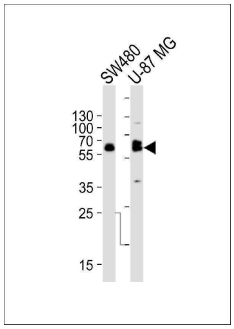
Immunogen	This TH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 486-514 amino acids from the C-terminal region of human TH.
Predicted Reactive Species	Chicken, Drosophila, Rat, Xenopus
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000

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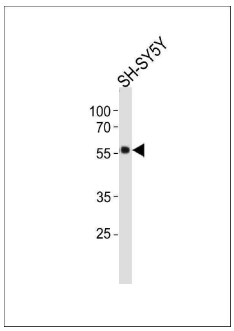
	IHC-P: 1:50-1:100 FC: 1:10-1:50

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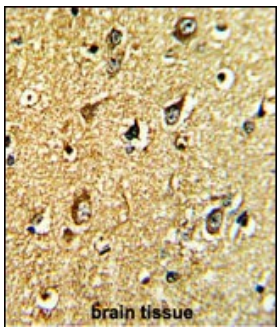
Anti-TH Antibody (C-term) (A01917) Images



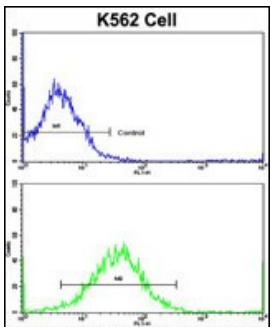
Western blot analysis of lysates from SW480, U-87 MG cell line (from left to right), using TH Antibody (C-term). A01917 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



TH Antibody (C-term) (Cat. #A01917) western blot analysis in SH-SY5Y cell line lysates (35ug/lane). This demonstrates the TH antibody detected the TH protein (arrow).



Formalin-fixed and paraffin-embedded human brain tissue with TH Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Flow cytometric analysis of K562 cells using TH Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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