

## Anti-DBH Antibody (N-term P42)

Catalog Number: A01110-2

### About DBH

The protein encoded by this gene is an oxidoreductase belonging to the copper type II, ascorbate-dependent monooxygenase family. It is present in the synaptic vesicles of postganglionic sympathetic neurons and converts dopamine to norepinephrine. It exists in both soluble and membrane-bound forms, depending on the absence or presence, respectively, of a signal peptide. [provided by RefSeq].

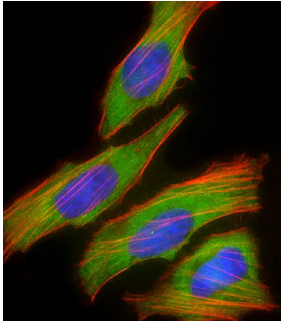
### Overview

Product Name	Anti-DBH Antibody (N-term P42)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DBH Antibody (N-term P42) (Catalog # A01110-2). Tested in WB, IF application(s). This antibody reacts with Human, Mouse, Rat.
Application	IF, 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	P09172

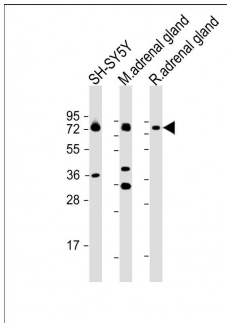
### Technical Details

Immunogen	This DBH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-56 amino acids from the N-terminal region of human DBH.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	IF: 1:25 WB: 1:2000

## Anti-DBH Antibody (N-term P42) (A01110-2) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling DBH with A01110-2 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and weak nucleus staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).



All lanes : Anti-DBH Antibody (N-term P42) at 1:2000 dilution  
Lane 1: SH-SY5Y whole cell lysate  
Lane 2: mouse adrenal gland lysate  
Lane 3: rat adrenal gland lysate  
Lysates/proteins at 20 µg per lane.  
Secondary  
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.  
Predicted band size : 69 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.

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