

Phospho-Tyrosine Hydroxylase-S40 Antibody

CABP1109

Description

This Phospho-Tyrosine Hydroxylase-S40 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP1109
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	TYH, DYT14, DYT5b, Phospho-Tyrosine Hydroxylase-S40
Clone:	-
Applications:	WB ELISA
Conjugation:	Unconjugated
Reactivity:	Rat

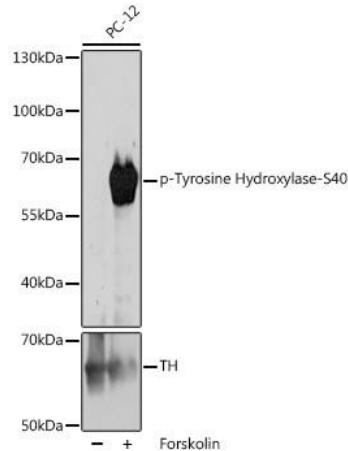
Antibody Data

Gene ID:	7054
Uniprot:	AB_2863978
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	60 kDa
Calculated MW:	45-59 kDa

Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.				
	Store Bradford Reagent at Room Temperature for 1 Year.				
Positive Sample:	PC-12 treated with Forskolin				
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:2000	ELISA	Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
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ELISA	Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.				
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol				

Validation Data



Western blot analysis of lysates from PC-12 cells, using Phospho-Tyrosine Hydroxylase- pAb (CABP1109) at 1:1000 dilution or Tyrosine Hydroxylase antibody (CAB0028). PC-12 cells were treated with Forskolin (30 μ M) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.