

Anti-Phospho-TH-S40 antibody (STJ11101143)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Rat

PRODUCT PROPERTIES

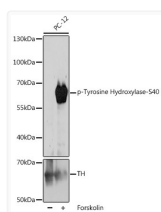
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 59kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	7054
Gene Symbol	TH
UniProt ID	TY3H_HUMAN
Immunogen Sequence	RQSLI
Specificity	A synthetic phosphorylated peptide around S40 of human Tyrosine Hydroxylase (NP_000351.2?).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from PC-12 cells, using Phospho-Tyrosine Hydroxylase-S40 pAb (STJ11101143) at 1:1000 dilution or Tyrosine Hydroxylase antibody (STJ29777). PC-12 cells were treated by Forskolin (30 µM) at 37 °C for 30 minutes.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% BSA.

Detection: ECL Basic Kit

Exposure time: 3s.