For research purposes only, not for human use

# Product Data Sheet

# Anti-Tyrosine Hydroxylase (Phospho-S8) Antibody

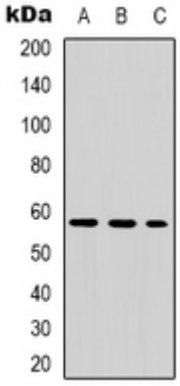
| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CPA5054 | Rabbit | H, M, R | WB, IH |

| | |
|---|---|
| **Description** | Rabbit polyclonal antibody to Tyrosine Hydroxylase (Phospho-S8) |
| **Immunogen** | KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S8 of human Tyrosine Hydroxylase protein. The exact sequence is proprietary. |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of Tyrosine Hydroxylase protein only when phosphorylated at S8. |
| **Clonality** | Polyclonal |
| **Conjugation** | |
| **Form** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Dilution** | WB (1/500 - 1/1000), IH (1/50 - 1/100) |
| **Gene Symbol** | TH |
| **Alternative Names** | TH; TYH; Tyrosine 3-monooxygenase; Tyrosine 3-hydroxylase; TH |
| **Entrez Gene** | (Human); 25085 (Rat) |
| **SwissProt** | P07101 (Human); P04177 (Rat) |
| **Storage/Stability** | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

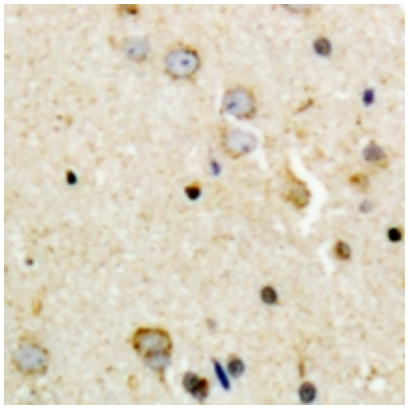
**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

For research purposes only, not for human use

# Product Data Sheet




Western blot analysis of Tyrosine Hydroxylase (Phospho-S8) expression in HEK293T (A), HepG2 (B), NIH3T3 (C) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 58 kD)



Immunohistochemical analysis of Tyrosine Hydroxylase (Phospho-S8) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish


**COHESION BIOSCIENCES LIMITED**

WEB www.cohesionbio.com
ORDER order@cohesionbio.com
SUPPORT techsupport@cohesionbio.com
CUSTOM custom@cohesionbio.com