

Anti-TPH1 (pS58) Antibody

Rabbit polyclonal antibody to TPH1 (pS58) Catalog # AP61076

Specification

Anti-TPH1 (pS58) Antibody - Product Information

Application WB, IHC
Primary Accession P17752
Other Accession P17532

Reactivity Human, Mouse, Rat, Rabbit, Chicken

Host Rabbit
Clonality Polyclonal
Calculated MW 50985

Anti-TPH1 (pS58) Antibody - Additional Information

Gene ID 7166

Other Names

TPH; TPRH; TRPH; Tryptophan 5-hydroxylase 1; Tryptophan 5-monooxygenase 1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human TPH1. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/50 - 1/100) IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-TPH1 (pS58) Antibody - Protein Information

Name TPH1

Synonyms TPH, TPRH, TRPH

Function

Oxidizes L-tryptophan to 5-hydroxy-l-tryptophan in the rate- determining step of serotonin biosynthesis.

Tissue Location

[Isoform 2]: Seems to be less widely expressed than isoform 1.

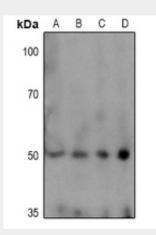


Anti-TPH1 (pS58) Antibody - Protocols

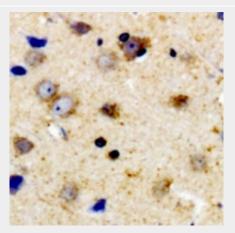
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-TPH1 (pS58) Antibody - Images



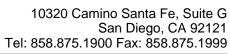
Western blot analysis of TPH1 (pS58) expression in HEK293T (A), THP1 (B), MCF7 (C), SGC7901 (D) whole cell lysates.



Immunohistochemical analysis of TPH1 (pS58) 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.

Anti-TPH1 (pS58) Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human





TPH1. The exact sequence is proprietary.