

TPH2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9177c**Specification****TPH2 Antibody (Center) Blocking Peptide -
Product Information**Primary Accession [Q8IWU9](#)**TPH2 Antibody (Center) Blocking Peptide -
Additional Information****Gene ID** 121278**Other Names**Tryptophan 5-hydroxylase 2, Neuronal
tryptophan hydroxylase, Tryptophan
5-monooxygenase 2, TPH2, NTPH**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP9177c](#) was selected from the Center region of human TPH2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TPH2 Antibody (Center) Blocking Peptide -
Protein Information****Name** TPH2**TPH2 Antibody (Center) Blocking Peptide -
Background**

This protein is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control.

**TPH2 Antibody (Center) Blocking Peptide -
References**

Khatua,A.K., et.al., Virology 400 (1), 68-75 (2010)
Koning,F.A., et.al., J. Virol. 83 (18), 9474-9485 (2009)

Synonyms NTPH**Tissue Location**

Brain specific.

**TPH2 Antibody (Center) Blocking Peptide -
Protocols**

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

- [Blocking Peptides](#)