

Product datasheet for **TA336836**

Tryptophan 5 hydroxylase 2 (TPH2) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | Western Blot: 2 ug/ml |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | A synthetic peptide made to an N-terminal portion of the human Tryptophan hydroxylase 2 protein (between residues 100-200) [UniProt Q8IWU9] |
| Formulation: | PBS, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Concentration: | lot specific |
| Purification: | Immunogen affinity purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | tryptophan hydroxylase 2 |
| Database Link: | NP_775489 Entrez Gene 121278 Human Q8IWU9 |
| Background: | TPH2 is a protein of the pterin dependent aromatic acid hydroxylase family. It catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. TPH2 is expressed predominantly in the central nervous system. Mutations in TPH2 gene may be associated with psychiatric diseases such as bipolar affective disorder and major depression. |
| Synonyms: | ADHD7; NTPH |
| Note: | This Tryptophan hydroxylase 2 antibody is useful in Western blot, where a band is seen ~50 kDa. |
| Protein Families: | Druggable Genome |



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Protein Pathways: Metabolic pathways, Tryptophan metabolism

Product images:



Western Blot: Tryptophan hydroxylase 2
Antibody TA336836 - Analysis of TPH2 in human
stomach lysate.