

TPH2(Phospho Ser19) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15094
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human TPH2 (phospho Ser19)
Mol wt	56057
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	l mg/ml
Full name	Tryptophan 5-hydroxylase 2
Synonyms	Tryptophan 5-hydroxylase 2; TPH2; NTPH; Tryptophan 5-hydroxylase 2; Neuronal tryptophan hydroxylase; Tryptophan 5-monooxygenase 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

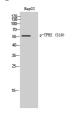
Background

This gene encodes a member of the pterin-dependent aromatic acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene may be associated with psychiatric diseases such as bipolar affective disorder and major depression.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 40000 Not yet tested in other applications.

Images



Western Blot analysis of HepG2 cells using Phospho-TPH2 (S19) Polyclonal Antibody

Storage -20°C for 1 year

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