

TPH2 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP09152

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human TPH2. AA range:4-53

Mol wt 56057

Species reactivity Human, Mouse, Rat, Monkey

Clonality Polyclonal

 ${\bf Recommended\ application} \qquad {\bf WB,\,ELISA}$

Concentration 1 mg/ml

Full name TPH2 Antibody

Synonyms 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

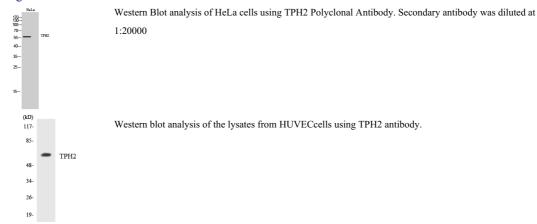
TPH2 encodes a member of the pterin-dependent aromatic acid hydroxylase family. The tryptophan hydroxylase 2 catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene may be associated with psychiatric diseases such as bipolar affective disorder and major depression.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 40000

Not yet tested in other applications.

Images



Storage

-20°C for one year

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