Anti-TPH2 (Phospho-Ser19) Polyclonal Antibody

Catalog No. Size A100401-01 50 µl A100401-02 100 µl

Specificity Source Application Anti-TPH2 (Phospho-Ser19) (human mouse rat) Rabbit Polyclonal WB ELISA Liquid, 1 mg/ml

Product

Form

Swiss-Prot No.: Q8IWU9

Other Names: ADHD7; FLJ37295; MGC138871;

MGC138872; Neuronal tryptophan hydroxylase; NTPH; TPH2; Tryptophan 5-hydroxylase 2; Tryptophan 5-monooxygenase 2; tryptophan hydroxylase 2

Specificity and Sensitivity

TPH2 (Phospho-Ser19) antibody detects endogenous levels of TPH2 only when phosphorylated at serine 19.

Source and Purification

The antiserum was produced against synthesized

phosphopeptide derived from human TPH2 around the

phosphorylation site of serine 19.

The antibody was affinity-purified from rabbit antiserum by

affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: ELISA: 1:40000

WB: 1:500~1:3000

Storage Buffer

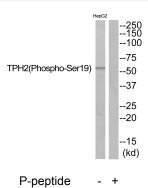
Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

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Images



Western blot analysis of extracts from HepG2 cells, using TPH2 (Phospho-Ser19) antibody.

