

ITPK1 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP04670

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human ITPK1. AA range:81-130

Mol wt 45621

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name ITPK1 Antibody

Synonyms ITPK1; Inositol-tetrakisphosphate 1-kinase; Inositol 1; 3,4-trisphosphate 5/6-kinase; Inositol-triphosphate

5/6-kinase; Ins(1,3,4)P(3) 5/6-kinase

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

Background

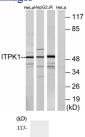
ITPK1 encodes an enzyme that belongs to the inositol 1,3,4-trisphosphate 5/6-kinase family. This enzyme regulates the synthesis of inositol tetraphosphate, and downstream products, inositol pentakisphosphate and inositol hexakisphosphate. Inositol metabolism plays a role in the development of the neural tube. Disruptions in this gene are thought to be associated with neural tube defects. A pseudogene of this gene has been identified on chromosome X.

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 10000

Not yet tested in other applications.

Images



= ITPK1

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Western blot analysis of lysates from HeLa, HepG2, and Jurkat cells, using ITPK1 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from HepG2 cells using ITPK1 antibody.

Storage

-20°C for one year

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