

# 14-3-3 Theta Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP00012

**Host** Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human 14-3-3 thet. AA range:41-90

Mol wt 27764

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name 14-3-3 theta Antibody

Synonyms YWHAQ; 14-3-3 protein theta; 14-3-3 protein T-cell; 14-3-3 protein tau; Protein HS1

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

#### Background

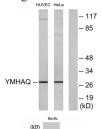
Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein theta belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse and rat orthologs. This gene is upregulated in patients with amyotrophic lateral sclerosis. It contains in its 5' UTR a 6 bp tandem repeat sequence which is polymorphic, however, there is no correlation between the repeat number and the disease.

## Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

## Images



Western blot analysis of lysates from HUVEC and HeLa cells, using 14-3-3 thet Antibody. The lane on the right is blocked with the synthesized peptide.

Western Blot analysis of various cells using 14-3-3  $\theta$  Polyclonal Antibody diluted at 1:1000

## Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com