

## 14-3-3 theta/tau(Phospho Ser232) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00027
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human 14-3-3 thet/tau around the phosphorylation site of Ser232. AA range:196-245
<b>Mol wt</b>	27764
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	14-3-3 protein theta
<b>Synonyms</b>	YWHAQ; 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

This gene product 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-p: 1: 100 - 1: 300

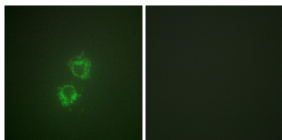
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

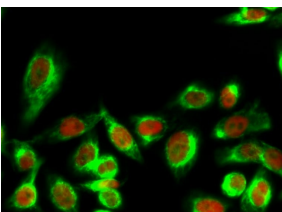
ELISA: 1: 5000

Not yet tested in other applications.

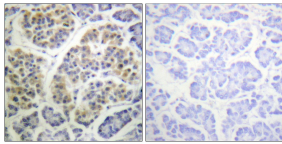
### Images



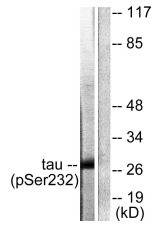
Immunofluorescence analysis of HeLa cell. 14-3-3  $\theta/\tau$  (phospho Ser232) Polyclonal Antibody(Green) was diluted at 1:200(4°C overnight). (Red) was diluted at 1:200(4°C overnight).



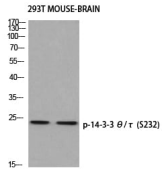
Immunofluorescence analysis of HeLa cells, using 14-3-3 thet/tau (Phospho-Ser232) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human pancreas, using 14-3-3 thet/tau (Phospho-Ser232) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of 293T MOUSE-BRAIN using p-14-3-3 θ/τ (S232) antibody. Antibody was diluted at 1:500



Western blot analysis of lysates from HeLa cells, using 14-3-3 thet/tau (Phospho-Ser232) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

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