

TAK1(Phospho-Ser412) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12948
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho peptide around human TAK1 (Ser412)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	TAK1
Synonyms	TAK1 ;Ser412; Mitogen-activated protein kinase kinase kinase 7; EC 2.7.11.25; Transforming growth factor-beta-activated kinase 1; TGF-beta-activated kinase 1

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

Background

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP) and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1 this protein forms a kinase complex including TRAF6| MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK| MAP2K4/MKK4 and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com