

ASK1(Phospho-Thr845) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06120
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phosho peptide around human ASK1 (Thr845)
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	ASK1
Synonyms	ASK1 ;Thr845; Mitogen-activated protein kinase kinase kinase 5; EC 2.7.11.25; Apoptosis signal-regulating kinase 1; ASK-1; MAPK/ERK kinase kinase 5; MEK kinase 5; MEKK 5

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

Background

Mitogen-activated protein kinase (MAPK) signaling cascades include MAPK or extracellular signal-regulated kinase (ERK)| MAPK kinase (MKK or MEK)| and MAPK kinase kinase (MAPKKK or MEKK). MAPKK kinase/MEKK phosphorylates and activates its downstream protein kinase| MAPK kinase/MEK| which in turn activates MAPK. The kinases of these signaling cascades are highly conserved| and homologs exist in yeast| Drosophila| and mammalian cells. MAPKKK5 contains 1|374 amino acids with all 11 kinase subdomains. Northern blot analysis shows that MAPKKK5 transcript is abundantly expressed in human heart and pancreas. The MAPKKK5 protein phosphorylates and activates MKK4 (aliases SERK1| MAPKK4) in vitro| and activates c-Jun N-terminal kinase (JNK)/stress-activated protein kinase (SAPK) during transient expression in COS and 293 cells; MAPKKK5 does not activate MAPK/ERK.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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