

Anti-Phospho-ASK1 (Thr845) Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 155 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Applications

Application:	WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human ASK1 around the phosphorylation site of Thr845
Antigen Species:	human
Uniprot ID:	Q99683
Synonyms:	M3K5;MEKK5;ASK1 (p-Thr845);p-ASK1 (Thr845);Mitogen-activated protein kinase kinase kinase 5;ASK-1;p-ASK1 (T845);MAP3K5;Apoptosis signal-regulating kinase 1;MEK kinase 5;ASK1;MAPKKK5;ASK1 (p-T845);MAPK/ERK kinase kinase 5;MEKK 5

Research Background

mitogen-activated protein kinase kinase kinase 5(MAP3K5) Homo sapiens 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. [provided by Re

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