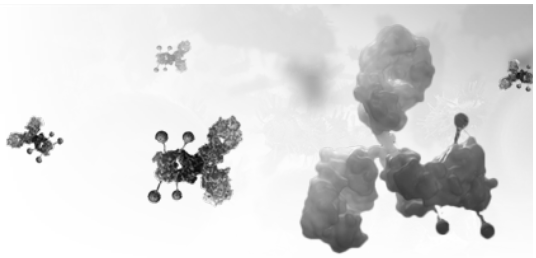

Rabbit Anti-MAP3K5 monoclonal antibody, clone TV47-17 (CABT-L651)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	ASK1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	TV47-17
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	155 kDa
Cellular Localization	Cytoplasm, Endoplasmic reticulum.
Positive Control	A549, MCF-7, Hela, human lung cancer tissue, human breast carcinoma tissue, human pancreas tissue, mouse pancreas tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Mitogen-activated protein (MAP) kinase cascades are activated by various extracellular stimuli including growth factors. The MEK kinases (also designated MAP kinase kinase kinases, MKKKs, MAP3Ks or MEKKs) phosphorylate and thereby activate the MEKs (also called MAP kinase kinases or MKKs), including ERK, JNK and p38. These activated MEKs in turn phosphorylate and activate the MAP kinases. The MEK kinases include Raf-1, Raf-B, Mos, MEK kinase-1, MEK kinase-2, MEK kinase-3, MEK kinase-4, ASK 1 (MEK kinase-5) and MAP3K6 (MEK kinase-6). MEK kinase-1 has been shown to phosphorylate MEK-1 via a Raf-independent pathway. Evidence suggests that MEK-3 is preferentially activated by MEK kinase-3 and that MEK-4 is activated by both MEK kinase-2 and MEK kinase-3. MEK kinase-4 has been shown to specifically activate the JNK pathway. ASK1 activates both MEK-4 and MEK-3/MEK-6 pathways.
Keywords	Apoptosis signal regulating kinase 1;Apoptosis signal-regulating kinase 1;ASK 1;ASK-1;ASK1;M3K5;M3K5_HUMAN;MAP/ERK kinase kinase 5;MAP3K5;MAPK/ERK kinase kinase 5;MAPKKK5;MEK kinase 5;MEKK 5;MEKK5;Mitogen activated protein kinase kinase kinase 5;Mitogen-activated protein kinase kinase kinase 5 antibody

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