

MaxPab®

MAP4K3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008491-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MAP4K3 protein.
Immunogen	MAP4K3 (ACE87796.1, 1 a.a. ~ 873 a.a) full-length human protein.
Sequence	MNPGFDLSRRNPQEDFELIQRIGSGTYGDVYKARNVNTGELAAIKVIKLEPGEDFAVVQQEIIMMKD CKHPNVAYFGSYLRDKLWICMEFCGGGSLQDIYHVTGPLSELQIAYVSRETQGLYYLHSGKGM HRDIKANILLTDNGHVKLADFGVSAQITATIAKRKSFITPYWMAPEVAAVERKGGYNQLCDLWA VGITAIELAELQPPMFDLHPMRALFLMTKSNFQPPKLKDKMKWSNSFHVFVKMALTKNPKKRPTA EKLLQHPFVTQHLTRSLAIELLDKVNNPDHSTYHDFDDDDPEPLVAVPHRIHSTSRNVREEKTRSE ITFGQVKFDPPLRKETEPHHELDLQLEYGQGHQGGYFLGANKSLLKSVEEELHQRGHVAHLEDD EGDDDESKHSTLKAKIPPLPPKPKSIFIPQEMHSTEDENQGTIKRCPMSGSPAKPSQVPPRPPP PRLPPHKPVALGNGMSSFQLNGERDGSQCQQQNEHRGTNLSRKEKKDVPKPSISNGLPPTPKVH MGACFSKVFNGCPLKHCASSWINPDTRDQYLIFGAEEGYTLNINELHETSMEQLFPRRCTLWLYV MNNCLLSISGKASQLYSHNLPGLFDYARQMQLPVAIPAHLKLPDRILPRKFSVSAKIPETKWCQKC CVVRNPYTGKYLCCALQTSIVLLEWVEPMQKFMLIKHIDFIPCPRLMFEMLVVPEQEYPLVCVG VSRGRDFNQVVRFETVNPNSTSSWFTESDTPQTNVTHVTQLERDTILVCLDCCIKMNLQGRKSS RKLSSSELTDFQIESVCLQDSVLAFWKHGMQGRSFRSNEVTQEISDSTRIFRLLGSDRVVVLESR PTDNPTANSNLYILAGHENSY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (96)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — MAP4K3

Entrez GeneID [8491](#)

GeneBank Accession# [EU832785.1](#)

Protein Accession# [ACE87796.1](#)

Gene Name MAP4K3

Gene Alias GLK, MAPKKKK3, RAB8IPL1

Gene Description mitogen-activated protein kinase kinase kinase kinase 3

Omim ID [604921](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Ste20 family of serine/threonine protein kinases. The protein belongs to the subfamily that consists of members, such as germinal center kinase (GCK), that are characterized by an N-terminal catalytic domain and C-terminal regulatory domain. The kinase activity of the encoded protein can be stimulated by UV radiation and tumor necrosis factor-alpha. The protein specifically activates the c-Jun N-terminal kinase (JNK) signaling pathway. Evidence suggests that it functions upstream of mitogen-activated protein kinase kinase kinase 1 (MEKK1). This gene previously was referred to as RAB8-interacting protein-like 1 (RAB8IPL1), but it has been renamed mitogen-activated protein kinase kinase kinase kinase 3 (MAP4K3). [provided by RefSeq]

Other Designations germinal center kinase-like kinase|germinal center kinase-related protein kinase

Pathway

- [MAPK signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Tobacco Use Disorder](#)