



Anti-MKNK1 (full length) polyclonal antibody (DPAB-DC3594)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a Ser/Thr protein kinase that interacts with, and is activated by ERK1 and p38 mitogen-activated protein kinases, and thus may play a role in the response to environmental stress and cytokines. This kinase may also regulate transcription by phosphorylating eIF4E via interaction with the C-terminal region of eIF4G. Alternatively spliced transcript variants have been noted for this gene.
Immunogen	MKNK1 (AAH02755.1, 1 a.a. ~ 465 a.a) full-length recombinant protein with GST tag. The sequence is MVSSQKLEKPIEMGSSEPLPIADGDRRRKKRRGRATDSLPGKFEDMYKLTSELLGEGAY AKVQGAVSLQNGKEYAVKIEKQAGHSRVRVFREVELYQCQRNKNILEIEFFEDDTRF YLVFEKLQGGSIHAHIQKQKHFNEREASRVVRGVAAALDFLHTKDKVSLCHLGWSAMAPS GLTAAPTSLGSSDPPTSASQVAGTTGIAHRDLKPENILCESPEKVSPVKICDFDLGSGMK LNNSTPITTPELTTPCGSAEYMAPEVVEVFTDQATFYDKRCDLWSLGVVLYIMLSGYPP FVGHCADCGWDRGEVCRVCQNKLFESIQEGKYEFPDKDWAHISSEAKDLISKLLVRDAK QRLSAAQVLQHPWVQGAPEKGLPTPQVLQRNSSTMDLTLF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MKNK1 MAP kinase interacting serine/threonine kinase 1 [Homo sapiens (human)]
Official Symbol	MKNK1
Synonyms	MKNK1; MAP kinase interacting serine/threonine kinase 1; MNK1; MAP kinase-interacting serine/threonine-protein kinase 1; MAPK signal-integrating kinase 1; MAP kinase signal-integrating kinase 1;
Entrez Gene ID	8569
Protein Refseq	NP_001129025
UniProt ID	Q9BUB5
Chromosome Location	1p33
Pathway	Disease; Insulin signaling pathway; Negative regulation of FGFR signaling; Signaling by FGFR
Function	ATP binding; protein binding; protein serine/threonine kinase activity;