

## Product datasheet for **TA342920**

### **MNK1 (MKNK1) Rabbit Polyclonal Antibody**

#### **Product data:**

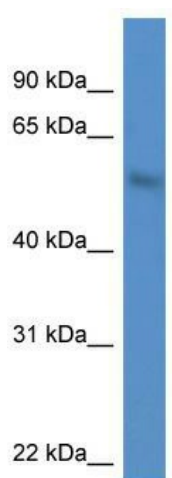
<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The immunogen for anti-MKNK1 antibody: synthetic peptide directed towards the N terminal of human MKNK1. Synthetic peptide located within the following region: CQGNKNILELIEFFEDDTRFYLVFEKLQGGSSILAHIQKQKHFNEREASRV
<b>Formulation:</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	51 kDa
<b>Gene Name:</b>	MAP kinase interacting serine/threonine kinase 1
<b>Database Link:</b>	<a href="#">NP_003675</a> <a href="#">Entrez Gene 8569 Human</a> <a href="#">Q9BUB5</a>
<b>Background:</b>	MKNK1 may play a role in the response to environmental stress and cytokines. It appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.
<b>Synonyms:</b>	MNK1
<b>Note:</b>	Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Human: 100%; Bovine: 100%; Mouse: 93%; Rabbit: 93%; Pig: 92%; Guinea pig: 92%; Horse: 86%
<b>Protein Families:</b>	Druggable Genome, Protein Kinase



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Protein Pathways: Insulin signaling pathway, MAPK signaling pathway

### Product images:



WB Suggested Anti-MKNK1 Antibody; Titration: 1.0 ug/ml; Positive Control: A549 Whole Cell  
MKNK1 is supported by BioGPS gene expression data to be expressed in A549