

Anti-MNK1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 51 kDa. Actual: 48 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Pancreas (Mouse) Lysate at 40 µg Lane 2: Spleen (Mouse) Lysate at 40 µg Lane 3: Lung (Mouse) Lysate at 40 µg
Verified Activity:	Lane 4: Stomach (Mouse) Lysate at 40 µg Primary: Anti-MNK1 (TMAB-08888) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD Observed band size: 48 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MNK1
Antigen Species:	Human
Gene ID:	8569
Uniprot ID:	Q9BUB5

Research Background

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. [provided by RefSeq, Jan 2012]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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