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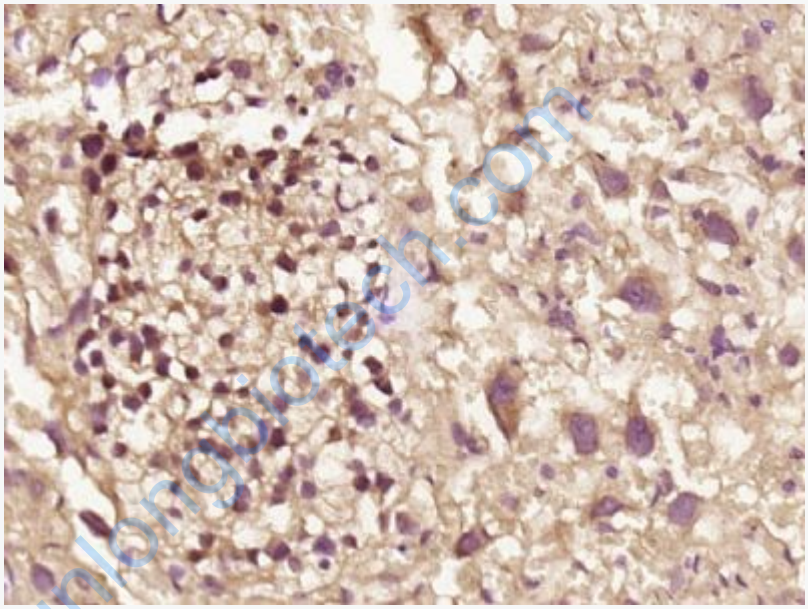
Rabbit Anti-phospho-MNK1 (Thr250) antibody

SL17696R

Product Name:	phospho-MNK1 (Thr250)
Chinese Name:	磷酸化MAP激酶相互作用丝氨酸/苏氨酸激酶1抗体
Alias:	MNK1 (phospho T250); p-MNK1 (phospho T250); MAP kinase interacting kinase 1; MAP kinase interacting serine/threonine kinase 1; MAP kinase signal integrating kinase 1; MAP kinase signal-integrating kinase 1; MAP kinase-interacting serine/threonine-protein kinase 1; MAPK signal integrating kinase 1; MITOGEN-ACTIVATED PROTEIN KINASE-INTERACTING SERINE/THREONINE KINASE 1; MKNK1; MKNK1_HUMAN; MNK 1; Mnk1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	51kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human MNK1 around the phosphorylation site of Thr250:IT(p-T)PE
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

Product Detail:	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] **Function:** May play a role in the response to environmental stress and cytokines. Appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap. **Subcellular Location:** Cytoplasm and Cytoplasm. Nucleus. **Post-translational modifications:** Dual phosphorylation of Thr-250 and Thr-255 activates the kinase. Phosphorylation of Thr-385 activates the kinase. **Similarity:** Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain. **SWISS:** Q9BUB5 **Gene ID:** 8569 **Database links:** Entrez Gene: 8569 Human Entrez Gene: 17346 Mouse Entrez Gene: 500526 Rat Omim: 606724 Human SwissProt: Q9BUB5 Human SwissProt: O08605 Mouse SwissProt: Q4G050 Rat Unigene: 371594 Human

	Unigene: 209327 Mouse Unigene: 7910 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Paraformaldehyde-fixed, paraffin embedded (mouse placenta tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MNK1 (Thr250)) Polyclonal Antibody, Unconjugated (SL17696R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.