Anti- MNK1 (Phospho-Thr255) Polyclonal Antibody

Catalog No.	Size
A100259-01	50 µl
A100259-02	100 µl

Specificity	Anti- MNK1 (Phospho-Thr255) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q9BUB5

Other Names: EC 2.7.11.1; kinase Mnk1; Map kinase interacting kinase; MAP kinase signal-integrating kinase 1; MAP kinase-interacting serine/threonine kinase 1; MKNK1

Specificity and Sensitivity

MNK1 (Phospho-Thr255) antibody detects endogenous levels of MNK1 only when phosphorylated at threonine 255.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human MNK1 around the phosphorylation site of threonine 255 (L-T-T^{P}-P-C).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 ELISA: 1:10000

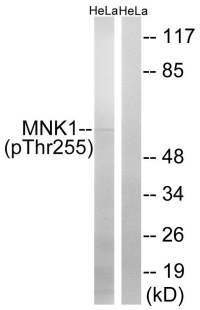
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Adriamycin	+	+
P-peptide	-	+

Western blot analysis of extracts from HeLa cells, treated with Adriamycin (0.5ug/ml, 24hours), using MNK1 (Phospho-Thr255) antibody.

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