

Datasheet for ABIN1532155
anti-MKNK1 antibody (pThr385)



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2 Images

Overview

Quantity:	100 µL
Target:	MKNK1
Binding Specificity:	AA 351-400, pThr385
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MKNK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Mnk1 around the phosphorylation site of Thr385.
Isotype:	IgG
Specificity:	Mnk1 (Phospho-Thr385) Antibody detects endogenous levels of Mnk1 only when phosphorylated at Thr385. PhosphorylationH:T385 M:T344 R:T332
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

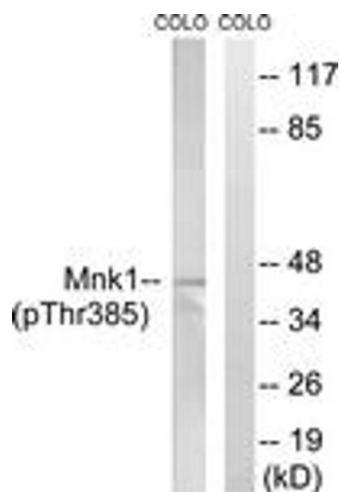
Target:	MKNK1
Alternative Name:	Mnk1 (MKNK1 Products)
Background:	Synonyms: kinase Mnk1, Map kinase interacting kinase, MAP kinase signal-integrating kinase 1, MAP kinase-interacting serine/threonine kinase 1, MKNK1 NCBI Gene Symbol: MKNK1
Molecular Weight:	51 kDa
Gene ID:	8569
OMIM:	606724
UniProt:	Q9BUB5
Pathways:	MAPK Signaling , Cellular Response to Molecule of Bacterial Origin , Hepatitis C , Protein targeting to Nucleus , Toll-Like Receptors Cascades , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.371594 (NCBI Gene Symbol: MKNK1)
Restrictions:	For Research Use only

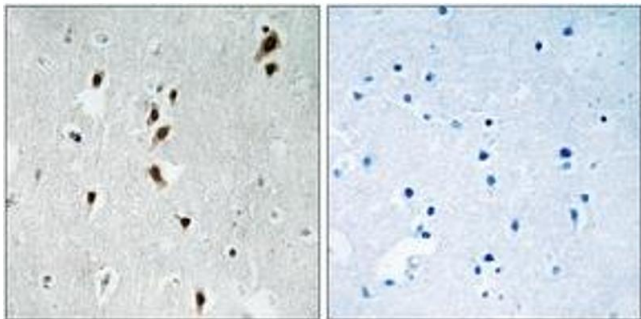
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from COLO205 cells treated with PMA 125ng/ml 30', using Mnk1 (Phospho-Thr385) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using Mnk1 (Phospho-Thr385) Antibody. The picture on the right is treated with the synthesized peptide.