## **Affinity Biosciences** website:www.affbiotech.com

## MKK7 Ab

Images(1)

Mol.Wt.: 47kDa Cat.#: DF6909 Concn.: ~1mg/ml Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Human, Mouse, Rat, Monkey Reactivity:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% Storage:

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

A synthesized peptide derived from human MAP2K7, corresponding to a Immunogen:

region within the internal amino acids.

O14733 Uniprot:

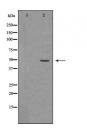
Description: c-Jun NH2-terminal protein kinase (JNK), a distant member of the mitogen-

> activated protein (MAP) kinase family, regulates gene expression in response to various extracellular stimuli. MKK7, a novel member of the MAP kinase kinase family, was phosphorylated and activated by MEKK1, a MAP kinase kinasekinase in the JNK signaling cascade. MKK7 activity was

also stimulated by constitutively active forms of Rac and Cdc42Hs,

members of the Rho small GTP-binding protein family, endogenous MKK7 was activated by treatment with the growth factor interleukin-3 (but not interleukin-4), or by ligation of CD40, the B-cell antigen receptor, or the

receptor for the Fc fragment of immunoglobulin.



Western blot analysis of COS7 cell lysates, using MAP2K7 Ab. The lane on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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