

Product Datasheet

MKK3/MEK3 [p Ser189] Antibody - BSA Free NB100-82048

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-82048

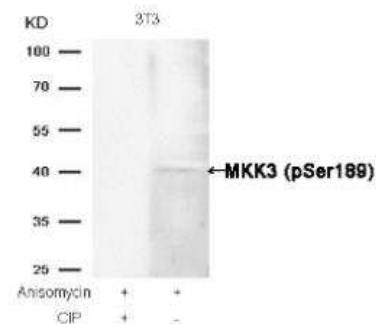
MKK3/MEK3 [p Ser189] Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	40 kDa
Product Description	
Host	Rabbit
Gene ID	5606
Gene Symbol	MAP2K3
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of MKK3/MEK3 only when phosphorylated at serine189.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MKK3/MEK3 around the phosphorylation site of serine 189 (V-D-SP-V-A).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:100~1:200, Immunohistochemistry-Paraffin

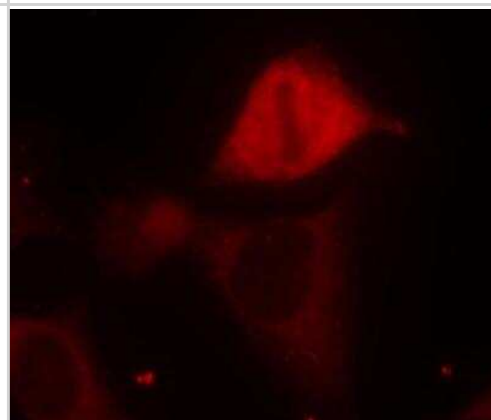


Images

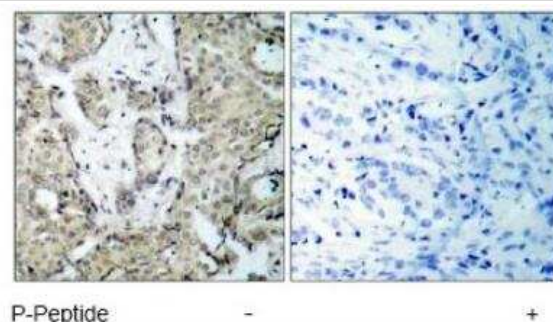
Western Blot: MKK3/MEK3 [p Ser189] Antibody [NB100-82048] - Analysis of extracts from 3T3 cells, treated with Anisomycin or calf intestinal phosphatase (CIP) NB100-82048



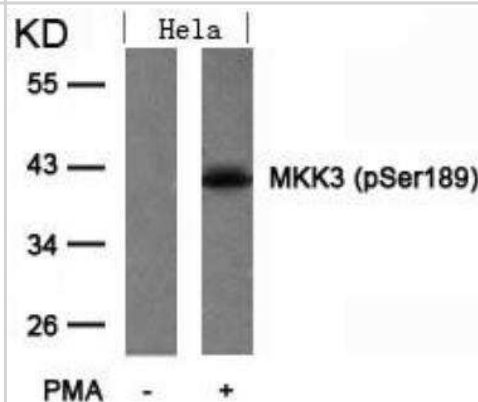
Immunocytochemistry/Immunofluorescence: MKK3/MEK3 [p Ser189] Antibody [NB100-82048] - Staining of methanol-fixed Hela cells using NB100-82048



Immunohistochemistry-Paraffin: MKK3/MEK3 [p Ser189] Antibody [NB100-82048] - Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue, using NB100-82048 (left) or the same antibody preincubated with blocking peptide (right).



Western Blot: MKK3/MEK3 [p Ser189] Antibody [NB100-82048] - Analysis of extracts from Hela cells untreated or treated with PMA using MKK3(Phospho-Ser189) antibody



Publications

Mannam P, Shinn AS, Srivastava A et al. MKK3 regulates mitochondrial biogenesis and mitophagy in sepsis-induced lung injury Am J Physiol Lung Cell Mol Physiol. 2014-01-30 [PMID: 24487387] (WB, Human)



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Products Related to NB100-82048

NBL1-12848	MKK3/MEK3 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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