

Datasheet for ABIN6263044
anti-MAP3K13 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	MAP3K13
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAP3K13 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human M3K13, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	M3K13 Antibody detects endogenous levels of total M3K13.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	MAP3K13
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Target Details

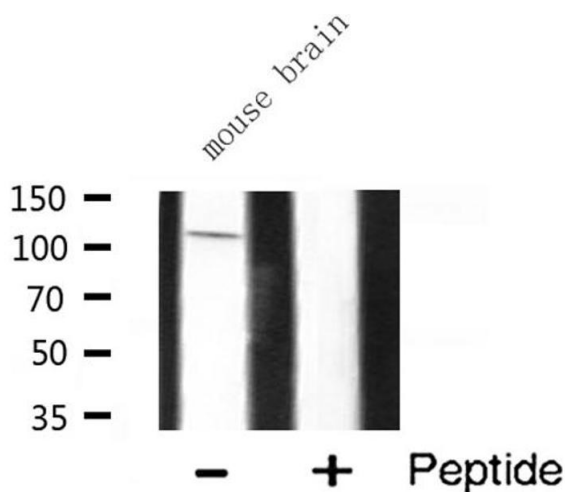
Alternative Name:	MAP3K13 (MAP3K13 Products)
Background:	<p>Description: Activates the JUN N-terminal pathway through activation of the MAP kinase kinase MAP2K7. Acts synergistically with PRDX3 to regulate the activation of NF-kappa-B in the cytosol. This activation is kinase-dependent and involves activating the IKK complex, the IKBKB-containing complex that phosphorylates inhibitors of NF-kappa-B.</p> <p>Gene: MAP3K13</p>
Molecular Weight:	108kDa
Gene ID:	9175
UniProt:	O43283
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	WB: 1:500-1:3000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

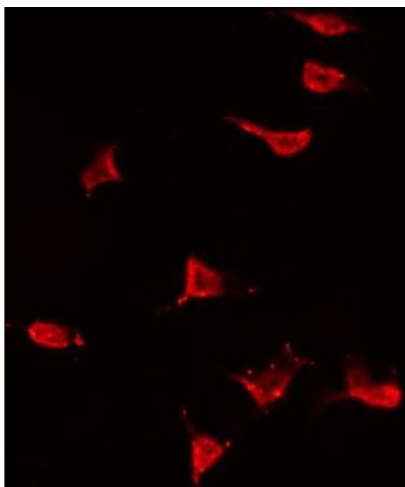
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , 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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



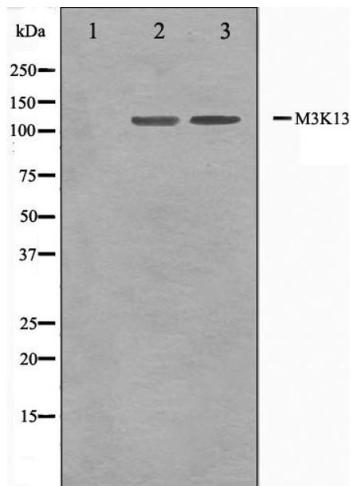
Western Blotting

Image 1. Western blot analysis of M3K13 expression in Mouse brain lysate



Immunofluorescence (fixed cells)

Image 2. ABIN6266704 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



Western Blotting

Image 3. Western blot analysis on 293 and HepG2 cell lysate using M3K13 Antibody. The lane on the left is treated with the antigen-specific peptide.