

Nur für Forschungszwecke

# MAP2K3 Rekombinanter Antikörper

Katalog-Nr.:80137-1-RR



## Allgemeine Informationen

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| <b>Katalog-Nr.:</b><br>80137-1-RR                                  | <b>GenBank-Zugangsnummer:</b><br>BC032478                                  | <b>Reinigungsmethode:</b><br>Protein-A-Reinigung                       |
| <b>Größe:</b><br>100ul , Konzentration: 500 µg/ml von<br>Nanodrop; | <b>GeneID (NCBI):</b><br>5606  | <b>CloneNo.:</b><br>3O10   |
| <b>Wirt:</b><br>Kaninchen  | <b>Vollständiger Name:</b><br>mitogen-activated protein kinase<br>kinase 3 | <b>Empfohlene Verdünnungen:</b><br>WB 1:2000-1:10000<br>IF 1:200-1:800 |
| <b>Isotyp:</b><br>IgG  | <b>Berechnete Masse:</b><br>347 aa, 39 kDa                                 |  |
|  | <b>Beobachtete Masse:</b><br>39 kDa  |  |

## Anwendungen

### Geprüfte Anwendungen:

IF, WB, ELISA

### Getestete Reaktivität:

Human, Maus, Ratte, Zebrafisch

### Positivkontrollen:

WB : C6-Zellen, A431-Zellen, C2C12-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, HT-1080.Zellen, Jurkat-Zellen, NIH/3T3-Zellen, Zebrafischgewebe

IF : HeLa-Zellen,

## Hintergrundinformationen

MAP2K3, also named as MKK3, is a member of dual specificity kinase group and serves as a specific activator of p38 MAPK with MKK6. MKK3 can be phosphorylated by cytokines and environmental stress at sites Ser189 and Thr193 by MKKK proteins (MEKK 1-4). MKK3 plays a key role in cell differentiation, motility, division and death. It has been reported that MKK3 targeting may represent an effective and potentially safe therapeutic strategy to selectively kill cancer cells in colorectal cancer patients. (PMID: 31695024, 30770795, 26805700, 8622669)

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern.

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

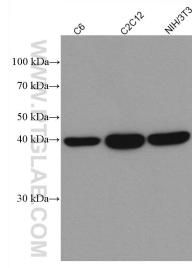
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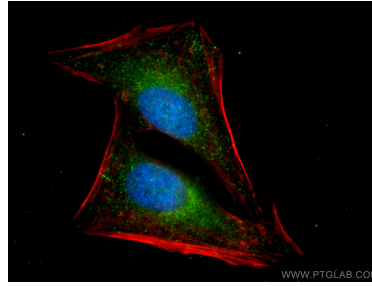
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 80137-1-RR (MAP2K3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MAP2K3 antibody (80137-1-RR, Clone: 3O10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red), DAPI (blue)