

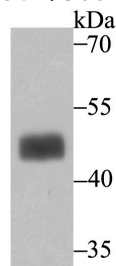
## Anti-MAPKAPK2 Antibody (2M484)

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 46 kDa.
Clone:	2M484
Purification:	ProA affinity purified

## Applications

Verified Activity: 1. Western blot analysis of MAPKAP Kinase 2 on SK-Br-3 cell lysate using anti-MAPKAP Kinase 2 antibody at 1/500 dilution.



Application:	IP,WB
Recommended	WB: 1:500-1000; IP: 1:10-50

## Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.  
Shipping: Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P49137
Synonyms:	EC 2.7.11.1;MAPKAP kinase 2;MK-2;MK2;MAP kinase-activated protein kinase 2;MAPKAP-K2;MAPK-activated protein kinase 2;MAPKAPK-2

## Research Background

The MAPKAP kinases (for MAP kinase activated protein kinases) are a group of MAP kinase substrates which are themselves kinases. In response to activation, the MAP kinases phosphorylate downstream components on a consensus Pro-X-Ser/Thr-Pro motif. Several kinases that contain this motif have been identified and serve as substrates for the ERK and p38 MAP kinases. These include the serine/threonine kinases Rsk-1 (also designated MAPKAP kinase-1), Rsk-2 and Rsk-3, which are phosphorylated by ERK1 and ERK2. Similarly, p38 phosphorylates and activates the serine/threonine kinases MAPKAP kinase-2 and MAPKAP kinase-3 (also designated 3pK). The serine/threonine kinases Mnk1 and Mnk2 are substrates for both ERK and p38 MAP kinases.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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