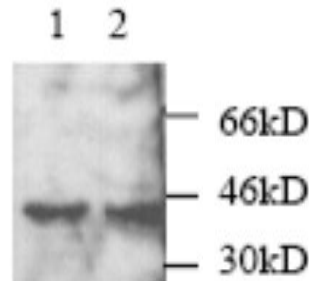


## MAP2K3

### Rabbit Anti-Human MAPKK 3 / MKK3 pAb

<b>Catalog No.</b>	CPM500	<b>Quantity:</b>	200 µg
<b>Alternate Names:</b>	Dual specificity mitogen activated protein kinase kinase 3, MAP kinase kinase 3, MAPKK 3, MAPK/ERK kinase 3, MEK 3, Stress-activated protein kinase kinase 2, SAPKK-2, SAPKK2		
<b>Description:</b>	MKK3 is a protein kinase that phosphorylates the p38 MAPK but not ERK MAPK. Phosphorylation by MKK3 occurs on threonine and tyrosine residues and increases the activity of p38 to stimulate transcription factors ATF2 and Elk-1. MKK3, together with MKK6, serve as upstream regulators of p38 MAPK activation. A structural variant, MKK3b, has been identified that contains 29 more amino acids at its N-terminus.		
<b>UniProt ID:</b>	P46734		
<b>Gene ID:</b>	5606		
<b>Specificity:</b>	Human MKK3		
<b>Host:</b>	Rabbit		
<b>Immunogen:</b>	<i>E. coli</i> -expressed full length human MKK3		
<b>Isotype:</b>	IgG		
<b>Formulation:</b>	Lyophilized with 0.1% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Protein A affinity chromatography		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute to 1 mg/ml by adding 200 µl PBS.		
<b>Cross-Reactivity:</b>	Cross-reactivity to other kinases has not been determined.		
<b>Applications:</b>	<b>Western Blot, Immunoprecipitation:</b> suggested dilution 1:2000. The optimal concentration should be determined by the user for each specific application.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for short term storage or at -20°C to -80°C in working aliquots for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>		

Western blot detection of MKK3 protein in RAW cell (1) and RBL transfected with NIK(2).



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

