

**AP05897PU-N****Polyclonal Antibody to MAPKK1 / MAPKK2 pSer218/222 - Purified**

<b>Alternate names:</b>	MEK1, MEK2, MKK1, MKK2, PRKMK1, PRKMK2
<b>Quantity:</b>	0.1 ml
<b>Background:</b>	MEK1 and 2 are related dual specificity protein kinases from the MAP kinase family. These proteins are activated by phosphorylation at serine 218 and 222, and play a critical role in mitogen growth factor signal transduction.
<b>Host / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	Synthetic phosphopeptide corresponding to an amino acid sequence which includes phosphorylated ser 218 and 222 within human MEK1 and 2.
<b>Format:</b>	<b>State:</b> Liquid purified Ig <b>Purification:</b> Affinity chromatography <b>Buffer System:</b> 10mM HEPES pH7.5 0.09% Sodium Azide, 0.01% Bovine Serum Albumin, 50% Glycerol,
<b>Applications:</b>	Western Blot: 1:1000; recognises a band of approximately 45kD in serum stimulated mouse NIH 3T3 cell lysates. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific for MEK 1 and MEK 2, (also known as MAP2K1 and MAP2K2 respectively), when phosphorylated at serine 218 and 222. <b>Species:</b> Human, Mouse. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Caution:</b>	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.