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

Alternate names:	MEK1, MEK2, MKK1, MKK2, PRKMK1, PRKMK2
Quantity:	0.1 ml
Background:	MEK1 and 2 are related dual specificity protein kinases from the MAP kinase family. These proteins are activated by phosphoryation at serine 218 and 222, and play a critical role in mitogen growth factor signal transduction.
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic phosphopeptide corresponding to an amino acid sequence which includes phosphorylated ser 218 and 222 within human MEK1 and 2.
Format:	<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,
Applications:	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.
Specificity:	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.
Storage:	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.
Caution:	(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.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.