

兔抗 RPS6KA5(Ab-212) 多克隆抗体

- 中文名称:兔抗 RPS6KA5(Ab-212)多克隆抗体
- 英文名称: Anti-RPS6KA5(Ab-212) rabbit polyclonal antibody
- 别名: MSK1; RLPK; MSPK1
- 相关类别: 一抗
- 储存: 冷冻(-20℃)避光
- 宿 主: Rabbit
- 抗 原: RPS6KA5(Ab-212)
- 反应种属: Human Mouse
- 标记物: Unconjugate
- 克隆类型: rabbit polyclonal

技术规格

Background:	Serine/threonine-protein kinase that is r
	equired for the mitogen or stress-induc
	ed phosphorylation of the transcription
	factors CREB1 and ATF1 and for the re
	gulation of the transcription factors REL
	A, STAT3 and ETV1/ER81, and that cont



ributes to gene activation by histone ph osphorylation and functions in the regul ation of inflammatory genes. Phosphoryl ates CREB1 and ATF1 in response to mi togenic or stress stimuli such as UV-C i rradiation, epidermal growth factor (EGF) and anisomycin. Plays an essential role in the control of RELA transcriptional ac tivity in response to TNF and upon gluc ocorticoid, associates in the cytoplasm with the glucocorticoid receptor NR3C1 and contributes to RELA inhibition and repression of inflammatory gene express ion. In skeletal myoblasts is required for phosphorylation of RELA at 'Ser-276' du ring oxidative stress. In erythropoietin-st imulated cells, is necessary for the 'Ser-727' phosphorylation of STAT3 and reg ulation of its transcriptional potential. P hosphorylates ETV1/ER81 at 'Ser-191' an d 'Ser-216', and thereby regulates its ab



ility to stimulate transcription, which ma y be important during development and breast tumor formation. Directly repress es transcription via phosphorylation of ' Ser-1' of histone H2A. Phosphorylates 'S er-10' of histone H3 in response to mit ogenics, stress stimuli and EGF, which r esults in the transcriptional activation of several immediate early genes, including proto-oncogenes c-fos/FOS and c-jun/J UN. May also phosphorylate 'Ser-28' of histone H3. Mediates the mitogen- and stress-induced phosphorylation of high mobility group protein 1 (HMGN1/HMG 14). In lipopolysaccharide-stimulated pri mary macrophages, acts downstream of the Toll-like receptor TLR4 to limit the production of pro-inflammatory cytokine s. Functions probably by inducing transc ription of the MAP kinase phosphatase DUSP1 and the anti-inflammatory cytoki



	ne interleukin 10 (IL10), via CREB1 and
	ATF1 transcription factors. Plays a role i
	n neuronal cell death by mediating the
	downstream effects of excitotoxic injury.
Applications:	WB, IHC
Name of antibody:	RPS6KA5(Ab-212)
Immunogen:	Synthesized peptide derived from Intern
	al of human MSK1.
Full name:	ribosomal protein S6 kinase, 90kDa, pol
	ypeptide 5
Synonyms :	MSK1; RLPK; MSPK1
SwissProt:	075582
IHC positive control:	Human colon carcinoma tissue
IHC Recommend dilution:	50-100
WB Predicted band size:	67 kDa
WB Positive control:	Mouse brain tissue lysate
WB Recommended dilution:	500-3000





