

	Phospho-ERK1-T202/Y204 + ERK2-T185/Y187	E 9 P 0 4 7 2
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Antibody type:	Polyclonal Antibody
Applications:	WB
Reactivity:	Human Mouse Rat
Molecular Weight:	41kDa
Immunogen:	A phospho specific peptide corresponding to residues surrounding T202 of human ERK1
Gene ID:	5594/5595
Swiss-Prot No. :	P28482; P27361
Altername:	ERK; p38; p40; p41; ERK2; ERT1; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk;
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20° C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Background:	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene.
Dilution:	WB 1:500 - 1:2000
Shipping&Stablity:	Aliquot and store at -20° C. Avoid repeated freeze / thaw cycles.