

Product datasheet for **AP05021PU-N**

ERK1 / ERK2 Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IP
Recommended Dilution:	Immunoprecipitation: 1 - 10 µg/ml; of the catalytically active form of ERK p42/44 kinase. In vitro kinase assay.
Reactivity:	Mouse, Rat
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Specificity:	This antibody reacts to ERK p42/p44.
Formulation:	Phosphate buffered saline with 0.08% sodium azide State: Purified State: Liquid purified Ig (0.2µm sterile filtered)
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	ERK p42/44 kinase detects native ERK p42/44 kinase by immunoprecipitation in rat and human (HeLa) cells. ERK p42/44 kinase is induced by mitogenic stimuli such as growth factors which function by stimulating the phosphorylation and activation of ERK p42/44 kinase resulting in new gene expression.
Synonyms:	ERK-1/ERK-2, MAPK1/MAPK2, P42/P44-MAPK



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