

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AP05021PU-N Polyclonal Antibody to ERK1 / ERK2 - Purified

Alternate names:	ERK-1/ERK-2, Extracellular signal regulated kinase 1/2, Insulin stimulated MAP2 kinase, MAPK1/MAPK2, Microtubule associated protein 2 kinase, Mitogen activated protein kinase 1/2/3, P42/P44-MAPK
Quantity:	0.25 mg
Concentration:	Lot specific
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.
Host / Isotype:	Sheep / IgG
Format:	State: Liquid purified Ig (0.2µm sterile filtered) Buffer System: Phosphate buffered saline with 0.08% sodium azide
Applications:	Immunoprecipitation: 1 - 10 μg/ml; of the catalyticaly active form of ERK p42/44 kinase. In vitro kinase assay. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to ERK p42/p44. Species: Human, Mouse, Rat. Other species not tested.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

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.