

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 catalytically 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.