



Anti-Extracellular signal-regulated kinase 3 (ERK3), Chicken-Polyclonal Antibody

Catalog No. PY-10188
Antigen species: Human
Host species: Chicken

Quantity: 100 μ g
Reactivity: Human, Mouse, Rat
Form: Antigen affinity-purified antibody

Applications: ELISA

Target description

This protein is a member of the Ser/Thr protein kinase family, and is most closely related to mitogen-activated protein kinases (MAP kinases). MAP kinases also known as extracellular signal-regulated kinases (ERKs), are activated through protein phosphorylation cascades and act as integration points for multiple biochemical signals. This kinase is localized in the nucleus, and has been reported to be activated in fibroblasts upon treatment with serum or phorbol esters.

Antigen

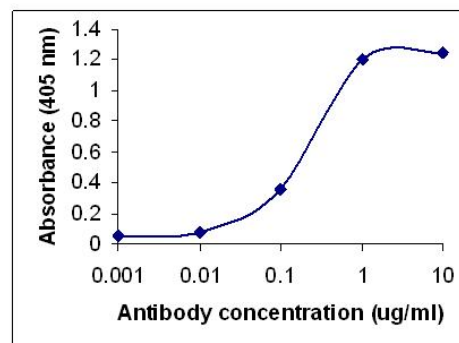
This polyclonal antibody was raised by immunizing chicken with ERK3 (401-416 amino acids).

Application

Western blotting, tissue or cell immunostaining. Recommended starting dilution for Western blot analysis is 1: 500, for tissue or cell staining is 1: 200. Optimal working dilutions must be determined by the end user.

Related Products

1. Anti-Extracellular signal-regulated kinase 1(ERK1), Chicken pAb (PY-10201)



Free peptide as test antigen (5 μ g).

Direct ELISA:

Affi-pure IgY as primary antibody and Goat anti-IgY HRP as 2nd antibody.

Storage

It is supplied as antigen affinity purified antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1mg/ml (1 $\times$ PBS). Store at 4 $^{\circ}$ C for short-term application. For long-term storage, aliquot and store at -20 $^{\circ}$ C.

References

1. Zhu, A.X., Zhao, Y., Moller, D.E., Flier, J.S. Cloning and characterization of p97(MAPK), a novel human homolog of rat ERK-3. *Molec. Cell. Biol.* 14: 8202-8211, 1994.

FOR RESEARCH USE ONLY AND NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE