# Phospho-ERK 1/2 (Thr202/Tyr204) Polyclonal Antibody

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Note: Centrifuge before opening to ensure complete recovery of vial contents.

## **Description**

Reactivity Mouse, Rat

**Immunogen** KLH conjugated Synthetic peptide corresponding to Mouse ERK2

Host Rabbit IgG **Isotype** 

**Purification** Affinity purification

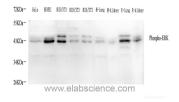
Conjugation Unconjugated

Formulation PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

**Applications Recommended Dilution** 

WB 1:500-1:2000

### Data



Western Blot analysis of various samples using Phospho-ERK 1/2 (Thr202/Tyr204) Polyclonal Antibody at dilution of 1:800.

Observed Mw:42/44kDa Calculated Mw:42/44kDa

## **Preparation & Storage**

Storage Store at -20°C. Avoid freeze / thaw cycles.

## **Background**

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signalregulated 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.

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