

## Erk1/2 polyclonal antibody

Catalog # PAB15417      Size 100 uL

### Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of Erk1/2.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to 35 amino acids of Erk1/2 with the CGG spacer group added.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Bovine, Chicken, Frog, Fruit fly, Human, Mouse, Rat, Sheep
<b>Specificity</b>	Detects ~44KDa and ~42KDa bands corresponding to the molecular weights of Erk1 and Erk2.
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Flow Cytometry (10 ug/mL) Immunohistochemistry (1:50) Western Blot (1:5000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In serum
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot
- Immunohistochemistry
- Flow Cytometry

### Publication Reference

- [The extracellular signal-regulated kinase: multiple substrates regulate diverse cellular functions.](#)

Yoon S, Seger R.

Growth Factors (Chur, Switzerland) 2006 Mar; 24(1):21.

Application: WB, Rat, PC12 cells

- [Role of reactive oxygen species in angiotensin II-mediated renal growth, differentiation, and apoptosis.](#)

Wolf G.

Antioxidants & Redox Signaling 2005 Sep; 7(9-10):1337.

Application: WB, Human, Cancers, Mammalian cells

- [Purification and properties of extracellular signal-regulated kinase 1, an insulin-stimulated microtubule-associated protein 2 kinase.](#)

Boulton TG, Gregory JS, Cobb MH.

Biochemistry 1991 Jan; 30(1):278.