

## ERK1/2 Recombinant antibody

**Cat:**B36213S

**Company:** HaoKebio

**Uniprot ID:**B36213S

**Applications:** IHC:1:50-1:500

**Organism:**Rabbit

IHC-Polymer:1:200-1:2000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:250-1:2500

**Molecular Weight Calculation:** 43 kDa

WB:1:5000-1:20000

**Observed Molecular Weight:** 38-44 kDa

FC:1:200-1:600

### Background:

ERK1 and ERK2 belongs to the protein kinase superfamily. It is involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. ERK1/2 catalyzed the reaction: ATP + a protein = ADP + a phosphoprotein. It is activated by tyrosine phosphorylation in response to INS and NGF. This antibody can recognize both ERK1 and ERK2 with the molecular mass of 38-44 kDa.

### Synonyms:

ERK, ERK1, ERK2, 4P8, EC:2.7.11.24

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Cytoplasm,Nucleus

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

### Storage:

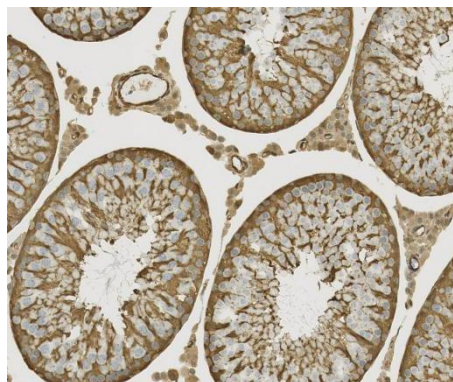
Store at -20 °C for one year.

### Experimental procedure:

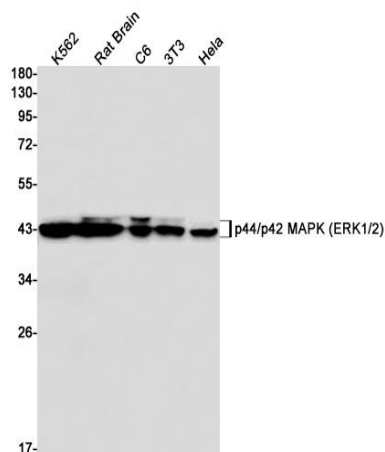
Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium

high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse testis, 4% PFA 12-24h



Dilution of 1:10000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

发表[中文论文]请标注:ERK1/2(B36213S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:ERK1/2(B36213S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.