

ERK1 Recombinant antibody

Cat:B35066D

Company: HaoKebio

Uniprot ID:P27361

Applications: IHC:1:50-1:200

Organism:Rabbit

IHC-Polymer:1:200-1:800

Species reactivity:Human Mouse

IHC-TSA:1:250-1:1000

Molecular Weight Calculation: 43 kDa

WB:1:1000

Observed Molecular Weight: 44 kDa

Background:

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

Protein full name:

Extracellular Signal-Regulated Kinase 1, ERK1

Synonyms:

ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44 MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK

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.

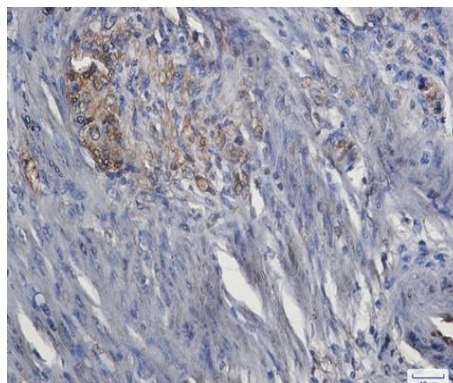
Storage:

Store at -20 °C for one year.

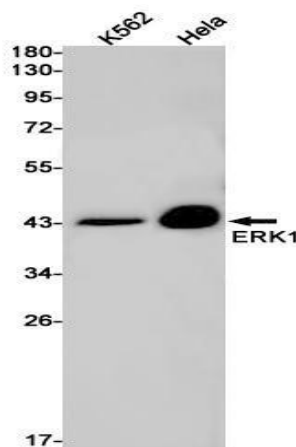
Experimental procedure:

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:human colon cancer, 4% PFA 12-24h



Dilution of 1:1000 incubated at room temperature for 1.5 hours.

Source of Reagents:

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浩克生物技术有限公司提供;
发表[英文论文]请标注:ERK1(B35066D) were k
indly provided by Hangzhou Haoke Biotechnolo
gy Co., Ltd.