

ERK1 + ERK2 Polyclonal Antibody

Catalog: BS65610

Host: Rabbit

Reactivity: Human, Mouse, Rat, (predicted: Chicken, Dog, Pig, Cow, Horse, Rabbit,)

BackGround:

The protein encoded by this gene is a member of the MAPkinase 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. [provided by RefSeq, Jul 2008].

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

42/44kD

Swiss-Prot:

P63085

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000 ICC=1:100

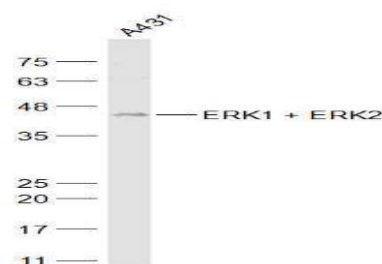
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ERK1 + ERK2 Polyclonal Antibody detects endogenous levels of ERK1 + ERK2 protein.

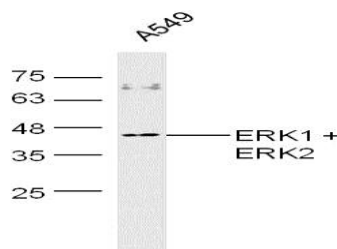
DATA:



Sample:

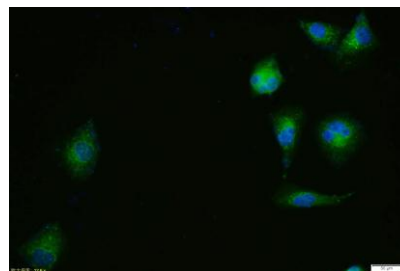
A431(Human) Cell Lysate at 30 ug

Primary: Anti-ERK1 + ERK2 at 1/1000 dilution



Sample: A549 Cell Lysate at 30 ug

Primary: Anti- ERK1+ERK2 at 1/300 dilution



Tissue/cell: HUVEC cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37 °C for 20 min; Antibody incubation with (ERK1 + ERK2) Polyclonal Antibody, Unconjugated 1:100, 90 minutes at 37 °C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37 °C for 90 minutes, DAPI (blue,) was used to stain the cell nuclei.

Note:

For research use only, not for use in diagnostic procedure.

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