



ELK Biotechnology

-actin Rabbit pAb
Catalog NO.: EA014
For research use only.

Overview

Product name -actin Rabbit pAb

Source Rabbit

Applications WB, IHC, IF

Species reactivity Human, Mouse, Rat, Rabbit, Chicken, Monkey, Sheep, Xenopus

Recommended dilutions WesternBlot:1/3000
Immunohistochemistry:1/200
Immunofluorescence:1/200
NOTE: Optimal dilutions should be determined by the end user.

Immunogen Rabbit anti-human

Species Human

Storage PBS 0.02% detergent 50% glycerol H7.4.
Store at -20°C. Avoid repeated freeze-thaw cycles.

Isotype IgG

Clonality Polyclonal

Concentration 1 mg/ml

Observed band 43kDa

GeneID Human 60

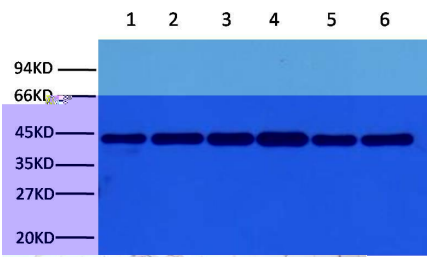
Human Swiss-Prot No. P60709

Cellular localization Cytosol, C

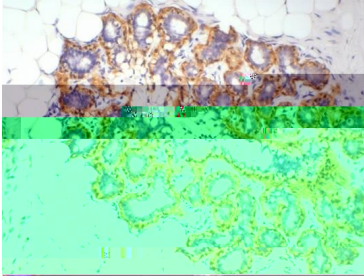
Alternative Names actin, beta-actin, beta-actin, beta-actin

Background -Actin is a highly conserved protein that is expressed in all eukaryotic cells. It is a major component of the cytoskeleton and is involved in a wide variety of cellular processes, including cell motility, cell division, and signal transduction. The -actin gene is located on chromosome 12 and is highly expressed in most tissues. The -actin protein is a dimeric protein with a molecular weight of approximately 43 kDa. It is a highly conserved protein that is expressed in all eukaryotic cells. It is a major component of the cytoskeleton and is involved in a wide variety of cellular processes, including cell motility, cell division, and signal transduction. The -actin gene is located on chromosome 12 and is highly expressed in most tissues. The -actin protein is a dimeric protein with a molecular weight of approximately 43 kDa.

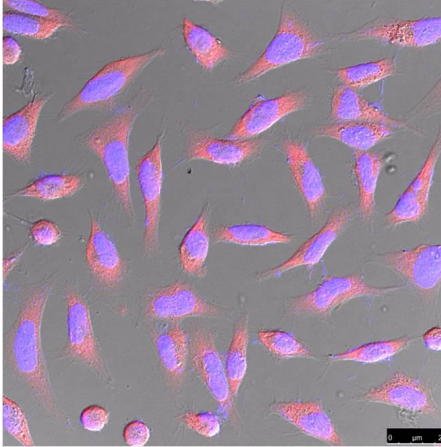
c a c .F a , -Ac ad
a d -Ac d b da ad c
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W b a a H G2 (1), Ra (2), M d (3), Rabb
c(4), S (5), 293T(6) -Ac abb c a a b d
d da 1:5000.



IHC a H a a -Ac Ab d da 1:200



IF a a H a EA014 d da 1:500.