



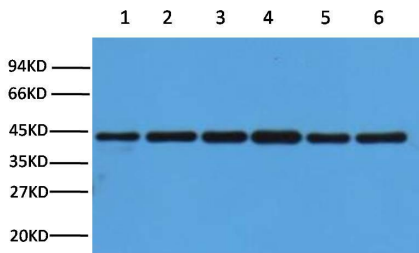
ELK Biotechnology

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

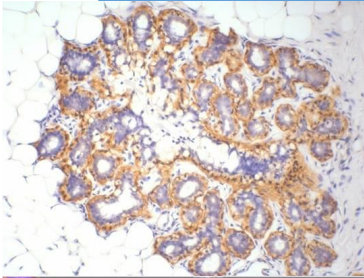
Overview

Product name	β -actin Rabbit polyclonal antibody
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	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. 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	Cytoplasm,Cytoskeleton
Alternative Names	actin antibody, b-actin antibody, beta-actin antibody
Background	β -Actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, Antibodies against β -Actin are useful as loading controls for Western Blotting. However it should be noted that levels of β -Actin may not be stable in

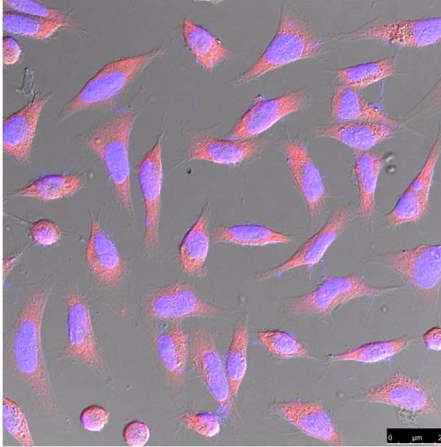
certain cells. For example, expression of β -Actin in adipose tissue is very low and therefore β -Actin should not be used as loading control for these tissues.



Western blot analysis of HepG2 (1), Rat liver (2), Mouse kidney (3), Rabbit testis (4), Sheep lung (5), 293T (6) with β -Actin rabbit polyclonal antibody diluted at 1:5000.



IHC staining of Human ovary tissue with β -Actin pAb diluted at 1:200



IF analysis of HeLa with EA014 diluted at 1:500.