



14-3-3 ζ rabbit pAb

Cat No.:ES1543

For research use only

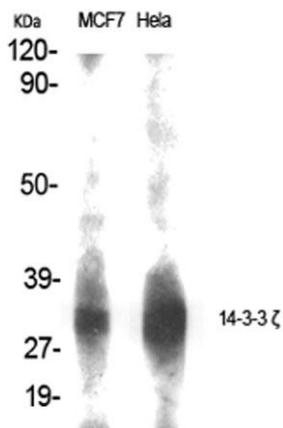
Overview

Product Name	14-3-3 ζ rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IP;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human 14-3-3 zeta. AA range:24-73
Specificity	14-3-3 ζ Polyclonal Antibody detects endogenous levels of 14-3-3 ζ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	14-3-3 protein zeta/delta
Gene Name	YWHAZ
Cellular localization	Cytoplasm . Melanosome . Located to stage I to stage IV melanosomes.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	28kD
Human Gene ID	7534
Human Swiss-Prot Number	P63104
Alternative Names	YWHAZ; 14-3-3 protein zeta/delta; Protein kinase C inhibitor protein 1; KCIP-1
Background	This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by





binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene. [provided by RefSeq, Oct 2008],



Western Blot analysis of various cells using 14-3-3 ζ
Polyclonal Antibody diluted at 1:1000

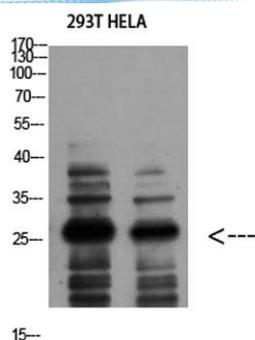


Western Blot analysis of COLO205 cells using 14-3-3 ζ
Polyclonal Antibody diluted at 1:1000



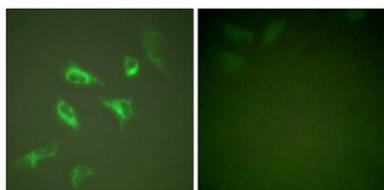


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Western Blot analysis of 293T HELA using 14-3-3 ζ Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Immunofluorescence analysis of HeLa cells, using 14-3-3 zeta Antibody. The picture on the right is blocked with the synthesized peptide.



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C