



14-3-3-pan (Acetyl Lys51/49) rabbit pAb

Cat No.:ES8431

For research use only

Overview

Product Name	14-3-3-pan (Acetyl Lys51/49) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized acetyl-peptide derived from human 14-3-3-pan around the acetylation site of K51.
Specificity	Acetyl-14-3-3-pan (K51/49) Polyclonal Antibody detects endogenous levels of 14-3-3-pan around the acetylation site of K51 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 beta/alpha/14-3-3 protein gamma/14-3-3 protein theta/14-3-3 protein zeta/delta/14-3-3 protein sigma
Gene Name	YWHAB/YWHAG/YWHAQ/YWHAZ/SFN
Cellular localization	Cytoplasm . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.; Vacuole membrane . (Microbial infection) Upon infection with Chlamydia trachomatis, this protein is associated with the pathogen-containing vacuole
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	30kD
Human Gene ID	7529
Human Swiss-Prot Number	P31946
Alternative Names	YWHAB; 14-3-3 protein beta/alpha; Protein 1054;

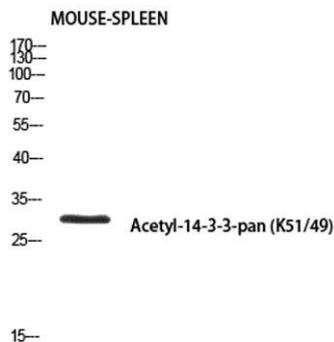




Background

Protein kinase C inhibitor protein 1; KCIP-1; YWHAG; 14-3-3 protein gamma; Protein kinase C inhibitor protein 1; KCIP-1; YWHAQ; 14-3-3 protein theta; 14-3-3 protein T-cell; 14-3-3 protein tau; Protein HS1; Y

This gene encodes a protein belonging to the 14-3-3 family of proteins, members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Two transcript variants, which encode the same protein, have been identified for this gene. [provided by RefSeq, Jul 2008],



Western blot analysis of MOUSE-SPLEEN using Acetyl-14-3-3-pan (K51/49) antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

