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OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

Polyclonal Antibody to 14-3-3 protein gamma (N-term) AP17847PU-N KCIP-1, Protein kinase C inhibitor protein 1, YWHAG Alternate names: 0.4 ml **Quantity:** lot specific **Concentration: Background:** YWHAG 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 100% identical to the rat ortholog. It is induced by growth factors in human vascular smooth muscle cells, and is also highly expressed in skeletal and heart muscles, suggesting an important role for this protein in muscle tissue. It has been shown to interact with RAF1 and protein kinase C, proteins involved in various signal transduction pathways. **Uniprot ID:** P61981 NP 036611 NCBI: GenelD: 7532 Host: Rabbit

Immunogen: KLH conjugated synthetic peptide selected from the N-terminal region of human YWHAG State: Liquid purified lg

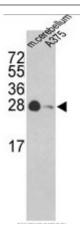
Purification: Affinity chromatography on Protein A Buffer System: PBS with 0.09% (W/V) sodium azide **Applications:** ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. **Specificity:** This antibody reacts to 14-3-3 protein gamma. Species: Human, Mouse. Other species not tested. Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for Storage: longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. **General Readings:** 1. Jagemann, L.R., et.al., J. Biol. Chem. 283 (25), 17450-17462 (2008)

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

ORIGENE AP17847PU-N: Polyclonal Antibody to 14-3-3 protein gamma (N-term)

Pictures:

Western blot analysis of YWHAG Antibody (N-term) (AP17847PU-N) in A375 cell line and mouse cerebellum tissue lysates (35ug/lane). YWHAG (arrow) was detected using the purified Pab.



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