

Product Name: KD-Validated YWHAG Rabbit Polyclonal Antibody**Catalog #: KVA00465**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit pAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 28.3kDa

Antigen Information

Gene Name	YWHAG YWHAG; Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase Activation Protein Gamma; 14-3-3GAMMA; PPP1R170; Tyrosine 3-Monooxygenase/Tryptophan 5-
Alternative Names	Monooxygenase Activation Protein, Gamma Polypeptide; Protein Phosphatase 1, Regulatory Subunit 170; Protein Kinase C Inhibitor Protein 1; 14-3-3 Protein Gamma; KCIP-1; 14-3-3 Gamma; 14-3-3γ; 14-3-3G; EIEE56; DEE56
Gene ID	7532.0
SwissProt ID	P61981
Immunogen	A synthesized peptide derived from human 14-3-3 gamma

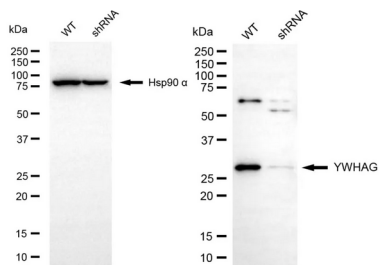
Background

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 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. [provided by RefSeq, Jul 2008]

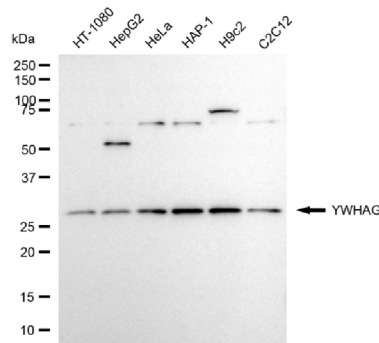
Research Area

Neuroscience, Signal Transduction, Stem Cells, Cancer

Image Data



Western blotting analysis using YWHAG antibody (KVA00465). YWHAG expression in wild-type (WT) and YWHAG shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with YWHAG antibody (KVA00465, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using YWHAG antibody (KVA00465). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with YWHAG antibody (KVA00465, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.