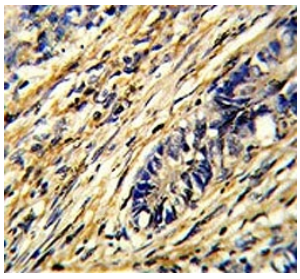
YWHAG Antibody / 14-3-3 gamma (F54406)

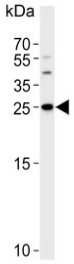
Catalog No.	Formulation	Size
F54406-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54406-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	SAS precipitation
UniProt	P61981
Localization	Cytoplasmic
Applications	Western blot: 1:500-1:2000 Flow cytometry: 1:25 (1x10e6 cells) Immunohistochemistry (FFPE): 1:25
Limitations	This YWHAG antibody is available for research use only.



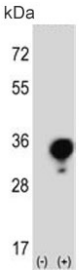
IHC testing of FFPE human colon carcinoma tissue with YWHAG antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



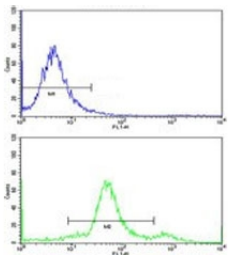
Western blot testing of human HeLa cell lysate with YWHAG antibody. Predicted molecular weight ~28 kDa.



Western blot testing of mouse cerebellum lysate with YWHAG antibody. Predicted molecular weight ~28 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with YWHAG antibody.



Flow cytometry testing of human WiDr cells with YWHAG antibody; Blue=isotype control, Green= YWHAG antibody.

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the YWHAG antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 136-164 from the human protein was used as the immunogen for the YWHAG antibody.

Storage

Aliquot the YWHAG antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.