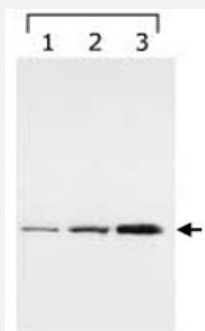


YWHAG monoclonal antibody, clone HS23

Catalog # MAB2288 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of YWHAG in HeLa cell lysate (Lane1), and bengamide treated lysates (Lane 2 and 4, for 8h and 24h, respectively) with YWHAG monoclonal antibody, clone HS23 (Cat # MAB2288).

Specification

Product Description Mouse monoclonal antibody raised against YWHAG.

Immunogen N-terminus of human YWHAG.

Host Mouse

Reactivity Bovine, Chicken, Human, Mouse, Rat, Zebra fish

Specificity This antibody is specific to human 14-3-3 gamma.

Form Liquid

Isotype IgG1, kappa

Quality Control Testing Antibody Reactive Against YWHAG.

Recommend Usage
Immunocytochemistry (1:50-1:200)
Immunofluorescence (1:50-1:200)
Western Blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.02% sodium azide)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of YWHAG in HeLa cell lysate (Lane1), and bengamide treated lysates (Lane 2 and 4, for 8h and 24h, respectively) with YWHAG monoclonal antibody, clone HS23 (Cat # MAB2288).

- Immunocytochemistry

- Immunofluorescence

Gene Info — YWHAG

Entrez GeneID[7532](#)**Gene Name**

YWHAG

Gene Alias

14-3-3GAMMA

Gene Description

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide

Omim ID[605356](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

14-3-3 gamma

Publication Reference

- [Elucidation of the function of type 1 human methionine aminopeptidase during cell cycle progression.](#)

Hu X, Addlagatta A, Lu J, Matthews BW, Liu JO.

PNAS 2006 Nov; 103(48):18148.

Application: WB, Human, HeLa cells

Pathway

- [Cell cycle](#)
- [Neurotrophin signaling pathway](#)