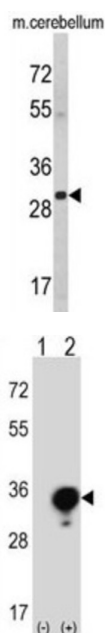
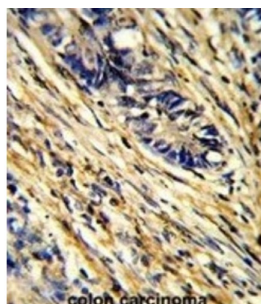


14-3-3 Protein Gamma (YWHAG) Antibody

Catalogue No.: abx031808



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.

Target: 14-3-3 Protein Gamma (YWHAG)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Datasheet

Version: 3.0.0
Revision date: 18 Jun 2025



Recommended dilutions: WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 136-164 amino acids from the Central region of human YWHAG.

Isotype: IgG

Form: Liquid

Purification: Purified Rabbit Polyclonal Antibody.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P61981 ([UniProt](#), [ExPASy](#))

KEGG: hsa:7532

String: [9606.ENSP00000306330](#)

Molecular Weight: Calculated MW: 28.3 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Rat, Cow, Chicken, Sheep and Xenopus YWHAG.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.