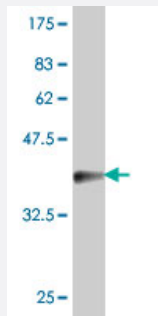


# YWHAG polyclonal antibody (A02)

Catalog # H00007532-A02

Size 50 uL

## Applications



Western Blot detection against Immunogen (37.11 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant YWHAG.
<b>Immunogen</b>	YWHAG (NP_036611, 70 a.a. ~ 169 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	TSADGNEKKIEMVRAYREKIEKELEAVCQDVLSELLDNYLIKNCSETQYESKVFYLMKGDYYRYLA EVATGEKRATVVESSEKAYSEAHEISKEHMQPTH
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — YWHAG

Entrez GeneID [7532](#)

GeneBank Accession# [NM\\_012479](#)

Protein Accession# [NP\\_036611](#)

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

## Pathway

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