

YWHAG Conjugated Antibody

Catalog No: #C31246

Package Size: #C31246-AF350 100ul #C31246-AF405 100ul #C31246-AF488 100ul #C31246-AF555 100ul #C31246-AF594 100ul #C31246-AF647 100ul #C31246-AF680 100ul #C31246-AF750 100ul #C31246-Biotin 100ul #C31246-Conjugated 50ul

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Description

Product Name	YWHAG Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB, IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total YWHAG protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from 141-154 amino acids of Human tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide, 14-3-3GAMMA
Accession No.	Swiss-Prot#:NCBI Gene ID:NCBI mRNA#:NCBI Protein#:NP_000734
Calculated MW	28
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF: 1:50-1:200

Product Description

Antibodies were produced by immunizing rabbits and were purified by antigen affinity-chromatography.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.