

YWHAG Antibody

Catalog No: #31246

Package Size: #31246-1 50ul #31246-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	YWHAG Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	E WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total YWHAG protein.
Immunogen Type	Peptide
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
Target Name	YWHAG
Other Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide, 14-3-3GAMMA
Accession No.	Genbank No.: NP_036611
Formulation	Supplied at 3.6mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

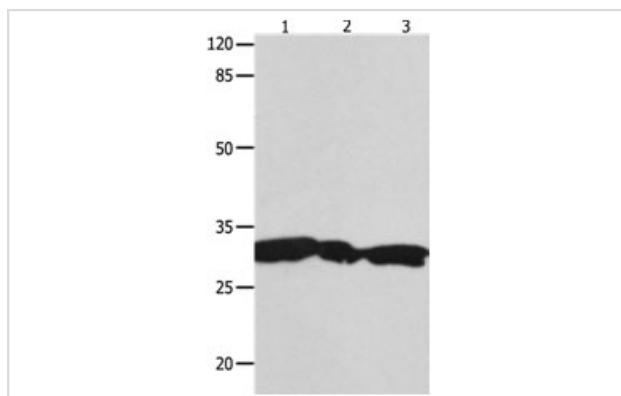
Predicted MW: 28kd

ELISA: 1:2000-1:10000

Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:50-1:200

Images



Gel: 10%SDS-PAGE

Lane1: HeLa cell lysate

Lane2: 293T cell lysate

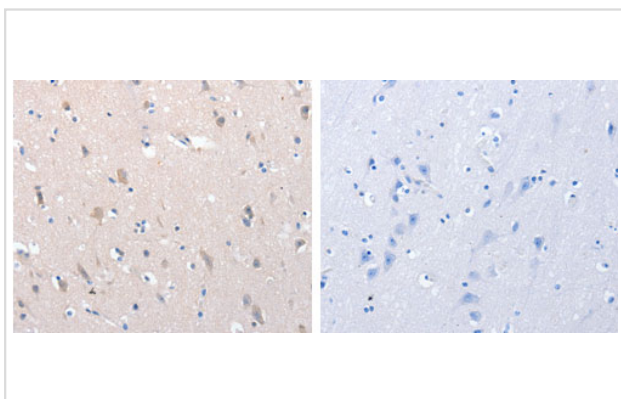
Lane3: Jurkat cell lysate

Lysates: 40 ug per lane

Primary antibody: 1/1800 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 10 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 31246 (YWHAG Antibody) at dilution 1/100, on the right is treated with the synthetic peptide.

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.