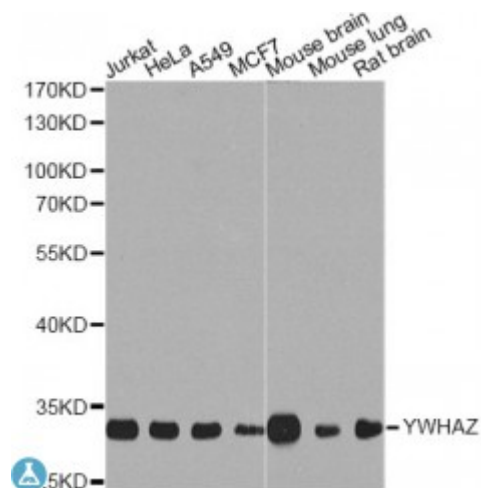


Anti-YWHAZ Antibody



Description

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 99% identical to the mouse, rat and sheep orthologs. The encoded protein interacts with IRS1 protein, suggesting a role in regulating insulin sensitivity. Several transcript variants that differ in the 5' UTR but that encode the same protein have been identified for this gene.

Model	STJ115333
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100 to the C-terminus of human YWHAZ (NP_001129171.1).
Gene ID	7534
Gene Symbol	YWHAZ
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	14-3-3 protein zeta/delta Protein kinase C inhibitor protein 1 KCIP-1
Molecular Weight	27.745 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:12855 OMIM:601288 Reactome:R-HSA-111447
Alternative Names	14-3-3 protein zeta/delta Protein kinase C inhibitor protein 1 KCIP-1
Function	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways, Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif, Binding generally results in the modulation of the activity of the binding partner,
Cellular Localization	Cytoplasm,
Post-translational Modifications	The delta, brain-specific form differs from the zeta form in being phosphorylated , Phosphorylation on Ser-184 by MAPK8

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