

Product Name: KO-Validated YWHAH Mouse Monoclonal Antibody**Catalog #: KVA00026**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:2,000-1:10,000
Molecular Weight	Calculated MW: 28.2kDa

Antigen Information

Gene Name	YWHAH
Alternative Names	YWHAH; Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase Activation Protein Eta; YWHA1; Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase Activation Protein, Eta Polypeptide; 14-3-3 Protein Eta; 14-3-3 Eta; Protein AS1
Gene ID	7533.0
SwissProt ID	Q04917
Immunogen	Recombinant protein of human 14-3-3 eta

Background

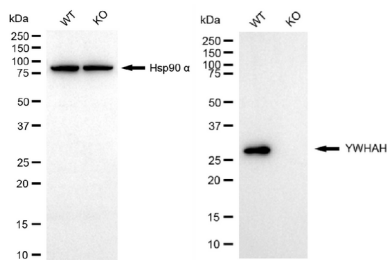
This gene product belongs to the 14-3-3 family of proteins which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals, and this protein is 99% identical

to the mouse, rat and bovine orthologs. This gene contains a 7 bp repeat sequence in its 5' UTR, and changes in the number of this repeat have been associated with early-onset schizophrenia and psychotic bipolar disorder. [provided by RefSeq, Jun 2009]

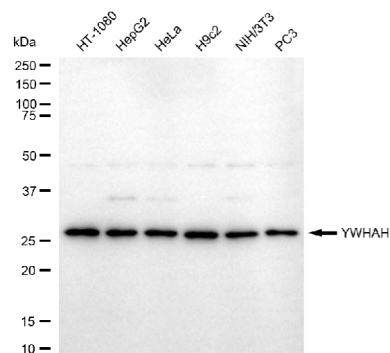
Research Area

Signal Transduction, Stem Cells

Image Data



Western blotting analysis using YWHAH antibody (KVA00026). YWHAH expression in wild-type (WT) and YWHAH knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with YWHAH antibody (KVA00026, 1:10,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using YWHAH antibody (KVA00026). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with YWHAH antibody (KVA00026, 1:10,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.