

Rabbit YWHAZ Polyclonal Antibody | anti-YWHAZ antibody

YWHAZ Antibody (Center)

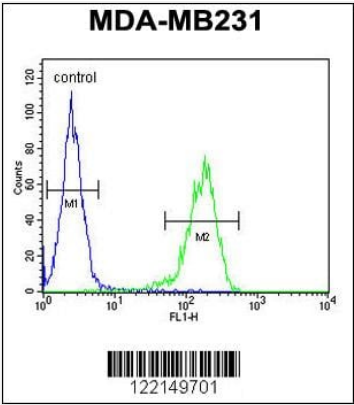
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286808	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

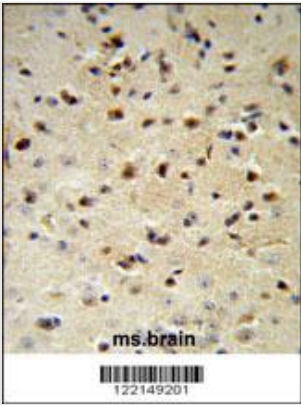
YWHAZ; Polyclonal Antibody; YWHAZ Antibody (Center); 14-3-3 protein zeta/delta; Protein kinase C inhibitor protein 1; KCIP-1; anti-YWHAZ antibody

PRODUCT SPECIFICATIONS

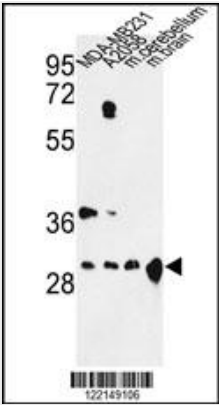
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This YWHAZ antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-93 amino acids from the Central region of human YWHAZ.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.31 (varies by lot)
Sequence Positions	65-93
Sequence Length	170
Applicable Applications for anti-YWHAZ antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
YWHAZ Antibody (Center) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
YWHAZ Antibody (Center) IHC analysis in formalin fixed and paraffin embedded mouse brain followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the YWHAZ Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of YWHAZ Antibody (Center) in MDA-MB231, A2058 cell line and mouse cerebellum, brain tissue lysates (35ug/lane). YWHAZ (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-YWHAZ antibody	YWHAZ 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. Two transcript variants differing in the 5' UTR, but encoding the same protein, have been identified for the gene. Both variants encode the same protein, however, they are differentially expressed in hematopoietic cells.
Product Categories/Family for anti-YWHAZ antibody	Cell Biology; Neuroscience; Signal Transduction
References	Powell, D.W., et al., Mol. Cell. Biol. 23(15):5376-5387 (2003). Zhu, P., et al., Biochem. Biophys. Res. Commun. 301(4):991-999 (2003). Li, Y., et al., J. Biol. Chem. 277(47):44593-44596 (2002). Wang, H., et al., J. Clin. Endocrinol. Metab. 87(6):2629-2634 (2002). Nellist, M., et al., J. Biol. Chem. 277(42):39417-39424 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	208973238
NCBI GeneID	7534

NCBI Accession #	NP_001129171.1; NP_001129172.1; NP_001129173.1; NP_001129174.1; NP_003397.1; NP_663723.1
NCBI GenBank Nucleotide #	NM_001135699.1
UniProt Accession #	P63104; P29213; P29312; Q32P43; Q5XJ08; Q6GPI2; Q6IN74; Q6NUR9; Q6P3U9; Q86V33; A8K1N0; B7Z465
Molecular Weight	27745
NCBI Official Full Name	14-3-3 protein zeta/delta
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta
NCBI Official Symbol	YWHAZ
NCBI Official Synonym Symbols	HEL4; YWHAD; KCIP-1; HEL-S-3; 14-3-3-zeta
NCBI Protein Information	14-3-3 protein zeta/delta
UniProt Protein Name	14-3-3 protein zeta/delta
UniProt Gene Name	YWHAZ
UniProt Synonym Gene Names	KCIP-1
UniProt Entry Name	1433Z_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ywhaz-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286808>