

Rabbit YWHAZ Polyclonal Antibody | anti-YWHAZ antibody

YWHAZ Antibody (D231)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288733	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken, Rat)	Western Blot, Immunohistochemistry, ELISA

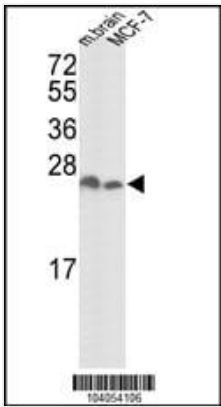
PRODUCT SYNONYMS

YWHAZ; Polyclonal Antibody; YWHAZ Antibody (D231); 14-3-3 protein zeta/delta; Protein kinase C inhibitor protein 1; KCIP-1; anti-YWHAZ antibody

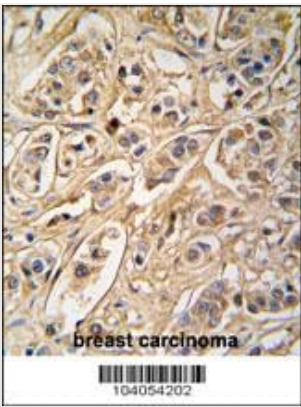
PRODUCT SPECIFICATIONS

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 216-245 amino acids from human YWHAZ.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	216-245
Sequence Length	245
Applicable Applications for anti-YWHAZ antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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.

IMAGES



WB (Western Blot)
Western blot analysis of hYWHAZ-D231 in mouse brain tissue and MCF-7 cell line lysates (35ug/lane). YWHAZ (arrow) was detected using the purified Pab.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with 14-3-3 protein zeta/delta antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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-western-blot-immunohistochemistry-elisa/288733>