

Rabbit YWHAB Polyclonal Antibody | anti-YWHAB antibody

YWHAB Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284579	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Monkey, Mouse, Rat, Zebrafish)	Immunofluorescence, Western Blot, Immunohistochemistry, ELISA

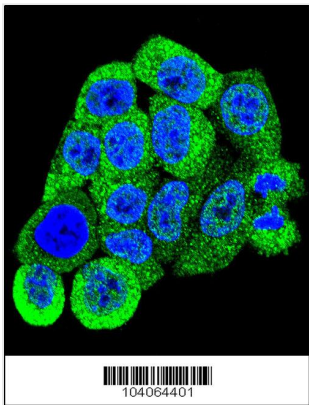
PRODUCT SYNONYMS

YWHAB; Polyclonal Antibody; YWHAB Antibody (C-term); 14-3-3 protein beta/alpha; Protein 1054; Protein kinase C inhibitor protein 1; KCIP-1; N-terminally processed; anti-YWHAB antibody

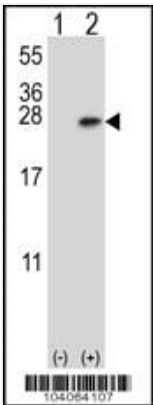
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Monkey, Mouse, Rat, Zebrafish)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This YWHAB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-246 amino acids from the C-terminal region of human YWHAB.
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	217-246
Sequence Length	246
Applicable Applications for anti-YWHAB antibody	IF (Immunofluorescence), 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.

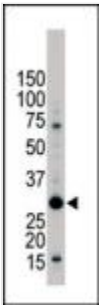
IMAGES



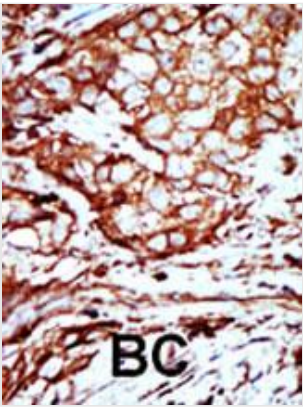
IF (Immunofluorescence)
Confocal immunofluorescent analysis of YWHAB Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
Western blot analysis of YWHAB (arrow) using rabbit polyclonal YWHAB Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the YWHAB gene.



WB (Western Blot)
The anti-YWHAB Pab is used in Western blot to detect YWHAB in Jurkat cell lysate.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-YWHAB antibody	YWHAB belongs to the 14-3-3 family of proteins, members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. 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-YWHAB antibody	Cell Biology; Neuroscience; Signal Transduction
References	Komori, T., et al., Acta Neuropathol. 106(1):66-70 (2003). Cavet, M.E., et al., J. Biol. Chem. 278(20):18376-18383 (2003). Li, Y., et al., J. Biol. Chem. 278(16):13663-13671 (2003). Shumway, S.D., et al., J. Biol. Chem. 278(4):2089-2092 (2003). Parvaresh, S., et al., FEBS Lett. 532(3):357-362 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507949
NCBI GeneID	7529
NCBI Accession #	NP_003395.1; NP_647539.1

NCBI GenBank Nucleotide #	NM_003404.4
UniProt Accession #	P31946 ; A8K9K2 ; E1P616
Molecular Weight	28082
NCBI Official Full Name	14-3-3 protein beta/alpha
NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta
NCBI Official Symbol	YWHAB
NCBI Official Synonym Symbols	HS1; GW128; YWHAA; KCIP-1; HEL-S-1
NCBI Protein Information	14-3-3 protein beta/alpha
UniProt Protein Name	14-3-3 protein beta/alpha
UniProt Gene Name	YWHAB
UniProt Synonym Gene Names	KCIP-1
UniProt Entry Name	1433B_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/ywhab-antibody-immunofluorescence-western-blot-immunohistochemistry-elisa/284579>