

Rabbit YWHAB Polyclonal Antibody | anti-YWHAB antibody

YWHAB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306053	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

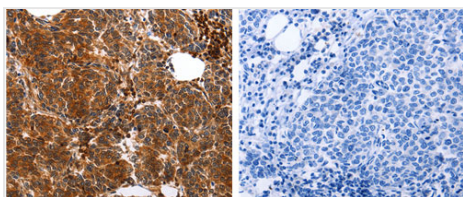
PRODUCT SYNONYMS

YWHAB; Polyclonal Antibody; YWHAB Antibody; Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; beta polypeptide; HS1; GW128; YWHAA; KCIP-1; anti-YWHAB antibody

PRODUCT SPECIFICATIONS

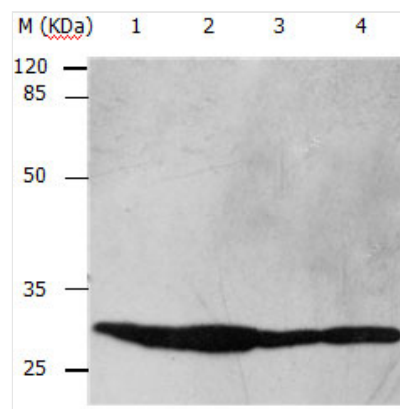
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total YWHAB protein.
Form/Format	Supplied at 0.5mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	246
Applicable Applications for anti-YWHAB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 4-18 amino acids of Human Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide
Target Name	YWHAB
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 31138 (YWHAB Antibody) at dilution 1/10, on the right is treated with the synthetic peptide



Application Data

Gel: 10%SDS-PAGE Lane1: HT-29 cell lysate Lane2: Mouse brain tissue lysate Lane3: 293T cell lysate Lane4: HeLa cell lysate Lysates: 40 ug per lane Primary antibody: 1/250 dilution Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/3000 dilution Exposure time: 1 second

ADDITIONAL INFORMATION

Related Product Information for anti-YWHAB antibody	This gene encodes a protein belonging 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, which encode the same protein, have been identified for this gene.
Product Categories/Family for anti-YWHAB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507949
NCBI GeneID	7529
NCBI Accession #	NP_003395
NCBI GenBank Nucleotide #	NM_003404.4
Molecular Weight	27,850 Da
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://stage.aaabiotech.com/polyclonal/ywhab-antibody-immunohistochemistry-western-blot-elisa/306053>