

Rabbit 14-3-3 Monoclonal Antibody | anti-YWHAB antibody

14-3-3 Antibody

CATALOG # AAA312368	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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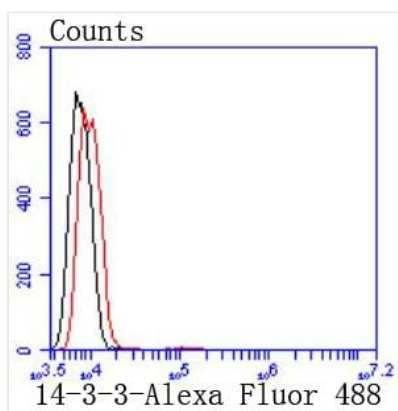
PRODUCT SYNONYMS

14-3-3; Monoclonal Antibody; 14-3-3 Antibody; anti-YWHAB antibody

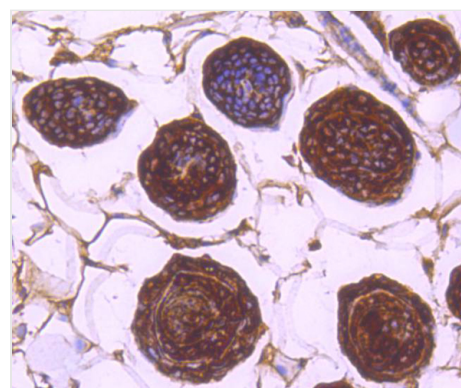
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JJ083-6
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-YWHAB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

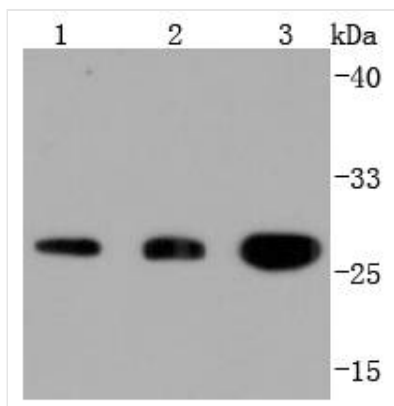
IMAGES



Application Data
14-3-3 Antibody



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ADDITIONAL INFORMATION

Related Product Information for anti-YWHAB antibody	The 14-3-3 family of proteins are important regulatory molecules ubiquitously expressed in all eukaryotic cells which bind to numerous signaling proteins in various pathways driving critical cellular pathways of apoptosis, differentiation and cell cycle. 14-3-3 theta specifically has also been shown to play an important regulatory role in the TLR2 signaling pathways as a negative regulator of TLR2 ligand Pam3CySk4 induced NF-kB activation. 14-3-3 theta has previously been shown to interact with TLR4 ligand and MyD88 dependent phosphorylated PKC epsilon. 14-3-3 theta in the TLR4 signaling pathway is a positive regulator controlling release of IRF3 induced pro-inflammatory cytokines RANTES and IP-10. Currently identified by mass spec as part of the TLR2 signaling complex and taken along with TLR4 data, a 14-3-3 theta antibody can be used to examine the different regulatory functions of 14-3-3 theta for different TLRs through its interaction with common or unique TLR signaling adaptor molecules in addition to MyD88 or PKC epsilon such as TRAM or TRIF allowing further clarification of TLR specific pathway regulation.
Product Categories/Family for anti-YWHAB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507949
NCBI GeneID	7529
NCBI Accession #	NP_003395.1
NCBI GenBank Nucleotide #	NM_003404.3
UniProt Accession #	P31946; A8K9K2; E1P616
Molecular Weight	28,082 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 polypeptide
NCBI Official Symbol	YWHAB
NCBI Official Synonym Symbols	HS1; GW128; YWHAA; KCIP-1
NCBI Protein Information	14-3-3 protein beta/alpha; 14-3-3 alpha; protein 1054; brain protein 14-3-3, beta isoform; protein kinase C inhibitor protein 1; protein kinase C inhibitor protein-1; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, alpha polypeptid
UniProt Protein Name	14-3-3 protein beta/alpha
UniProt Gene Name	YWHAB
UniProt Synonym Gene Names	KCIP-1

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/monoclonal/14-3-3-antibody-clone-jj083-6-immunohistochemistry-western-blot-elisa/312368>