

Rabbit 14.3.3 beta Polyclonal Antibody | anti-14.3.3 beta antibody

14.3.3 beta antibody

CATALOG # AAA107571	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

14.3.3 beta; Polyclonal Antibody; 14.3.3 beta antibody; Polyclonal 14.3.3 beta; Anti-14.3.3 beta; YWHAB; protein 1054; brain protein 14.3.3 beta isoform; protein kinase C inhibitor protein-1; 14-3-3 beta; YWHAA; KCIP-1; 14/3/3 beta; 14.3.3 protein beta/alpha; HS1; GW128; anti-14.3.3 beta antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	14.3.3 beta antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	246
Applicable Applications for anti-14.3.3 beta antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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.
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



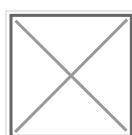
WB (Western Blot)

Western blot analysis using 14.3.3 beta antibodyWestern blot analysis of 30 ug of whole cell lysate (A: A431; B: H1299; C: HeLa; D: Hep G2; E: Molt-4; F: Raji) using a 12 % SDS PAGE gel and 14.3.3 beta antibody at a dilution of 1:10000



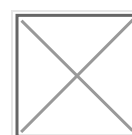
WB (Western Blot)

Western blot analysis using 14.3.3 beta antibodyWestern blot analysis of 20 ug of whole cell lysate (A: mouse brain) using a 12 % SDS PAGE gel and 14.3.3 beta antibody at a dilution of 1:10000



IHC (Immunohistochemistry)

Immunohistochemical staining using 14.3.3 beta antibodyImmunohistochemical staining of paraffin-embedded SW480 xenograft using 14.3.3 beta antibody at a dilution of 1:500



IF (Immunofluorescence)

Immunofluorescent staining using 14.3.3 beta antibodyImmunofluorescence analysis of paraformaldehyde-fixed HeLa, using 14-3-3 beta antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-14.3.3 beta antibody	Affinity purified Rabbit polyclonal 14.3.3 beta antibody
Product Categories/Family for anti-14.3.3 beta antibody	Signal Transduction ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21328448
NCBI GeneID	7529
NCBI Accession #	NP_647539.1
NCBI GenBank Nucleotide #	NM_139323.3
UniProt Accession #	P31946 ; A8K9K2 ; E1P616
Molecular Weight	28 kDa
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/1433-beta-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107571>