

Rabbit 14-3-3 Theta Monoclonal Antibody | anti-YWHAQ antibody

14-3-3 Theta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312362	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

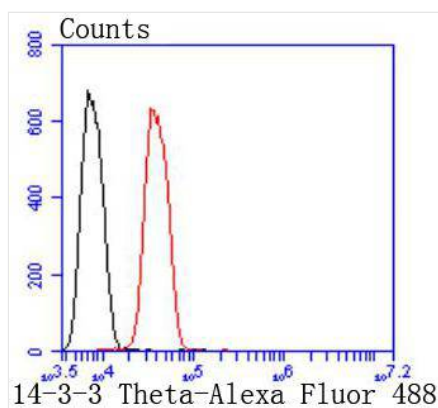
PRODUCT SYNONYMS

14-3-3 Theta; Monoclonal Antibody; 14-3-3 Theta Antibody; 14-3-3 antibody; 14-3-3 protein T-cell antibody; 14-3-3 protein tau antibody; 14-3-3 protein theta antibody; 1C5 antibody; HS1 antibody; theta polypeptide antibody; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein antibody; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; theta isoform antibody; anti-YWHAQ antibody

PRODUCT SPECIFICATIONS

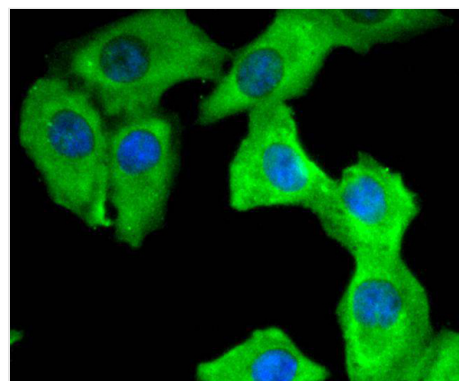
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SD084-02
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-YWHAQ antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



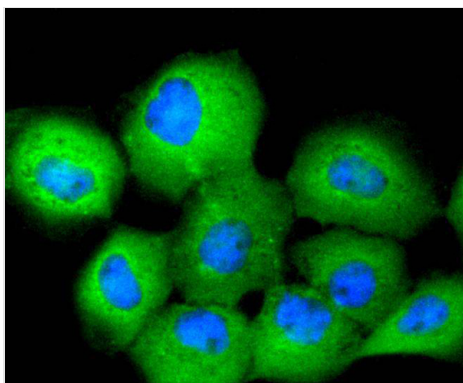
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of SH-SY-5Y cells with 14-3-3 Theta antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



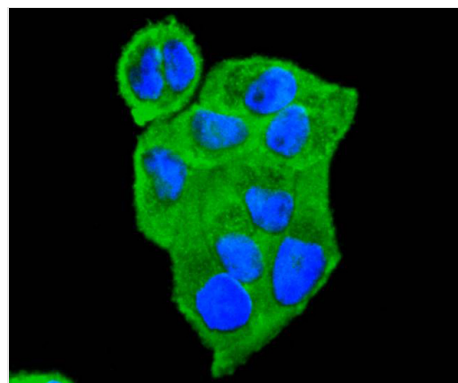
ICC (Immunocytochemistry)

ICC staining 14-3-3 Theta in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



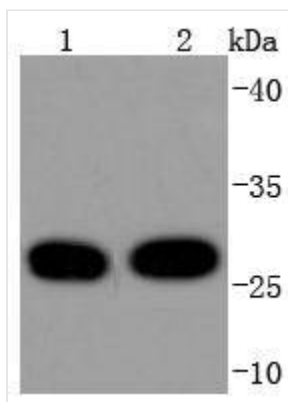
ICC (Immunocytochemistry)

ICC staining 14-3-3 Theta in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining 14-3-3 Theta in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of 14-3-3 Theta on different lysates using anti-14-3-3 Theta antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: MCF-7

ADDITIONAL INFORMATION

Related Product Information for anti-YWHAQ antibody

14-3-3 proteins regulate many cellular processes relevant to cancer biology, notably apoptosis, mitogenic signaling and cell-cycle checkpoints. Seven isoforms comprise this family of signaling intermediates, denoted 14-3-3 beta, gamma, epsilon, zeta, eta, theta and. 14-3-3 proteins form dimers that present two binding sites for ligand proteins, thereby bringing together two proteins that may not otherwise associate. These ligands largely share a 14-3-3 consensus binding motif and exhibit serine/threonine phosphorylation. 14-3-3 proteins function in broad regulation of these ligand proteins, by cytoplasmic sequestration, occupation of interaction domains and import/export sequences, prevention of degradation, activation/repression of enzymatic activity and facilitation of protein modification, and thus loss of expression contributes to a vast array of pathogenic cellular activities.

Product Categories/Family for anti-YWHAQ antibody

[Total protein Ab](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803227
NCBI GeneID	10971
NCBI Accession #	NP_006817.1
NCBI GenBank Nucleotide #	NM_006826.3
UniProt Accession #	P27348; Q567U5; Q5TZU8; Q9UP48; D6W4Z5
Molecular Weight	27,764 Da
NCBI Official Full Name	14-3-3 protein theta

NCBI Official Synonym Full Names	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide
NCBI Official Symbol	YWHAQ
NCBI Official Synonym Symbols	1C5; HS1; 14-3-3
NCBI Protein Information	14-3-3 protein theta; 14-3-3 protein tau; 14-3-3 protein T-cell
UniProt Protein Name	14-3-3 protein theta
UniProt Gene Name	YWHAQ
UniProt Entry Name	1433T_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/14-3-3-theta-antibody-clone-sd084-02-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/312362>