

Rabbit 14-3-3 theta/tau Polyclonal Antibody | anti-14-3-3theta/tau antibody

Rabbit anti-14-3-3 theta/tau (pS232) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223975	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Pig	Immunofluorescence, Immunohistochemistry, Western Blot

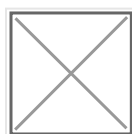
PRODUCT SYNONYMS

14-3-3 theta/tau; Polyclonal Antibody; Rabbit anti-14-3-3 theta/tau (pS232) Antibody; 14-3-3 protein theta; 14-3-3 protein T-cell; 14-3-3 protein tau; Protein HS1; anti-14-3-3theta/tau antibody

PRODUCT SPECIFICATIONS

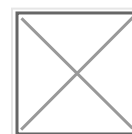
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Pig
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-14-3-3theta/tau antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human 14-3-3 theta/tau. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



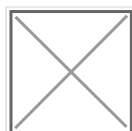
IF (Immunofluorescence)

Immunofluorescent analysis of 14-3-3 theta/tau (pS232) staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of 14-3-3 theta/tau (pS232) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of 14-3-3 theta/tau (pS232) expression in A549 (A), A431 (B), HEK293T (C), mouse brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-14-3-3theta/tau antibody	Primary antibodies
---	--------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803227
NCBI GeneID	10971
NCBI Accession #	NP_006817.1
NCBI GenBank Nucleotide #	NM_006826.3
UniProt Accession #	P27348; P68254; P68255
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/polyclonal/14-3-3-theta-tau-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/223975>