

Rabbit anti-Human, Mouse 14-3-3 theta Polyclonal Antibody | anti-14-3-3theta antibody

Rabbit anti-14-3-3 theta Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212125	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

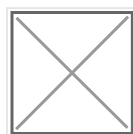
PRODUCT SYNONYMS

14-3-3 theta; Polyclonal Antibody; Rabbit anti-14-3-3 theta Antibody; Affinity Purified; HS1; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein; theta polypeptide; Protein HS1; 1C5; 14-3-3 protein theta; 14-3-3 protein T-cell; 14-3-3 protein tau; 14-3-3; protein; theta; tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein theta; anti-14-3-3theta antibody

PRODUCT SPECIFICATIONS

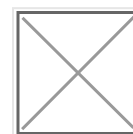
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-14-3-3theta antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, X. laevis, Chicken, Bovine, Rabbit, Orangutan
Immunogen	Between 195 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



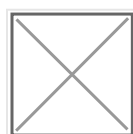
WB (Western Blot)

Detection of human and mouse 14-3-3-theta by western blot. Samples: Whole cell lysate from HeLa (5, 15, and 50 ug), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibody: Affinity purified rabbit anti-14-3-3-theta antibody AAA212125 (lot AAA212125-1) used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human 14-3-3-theta by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-14-3-3-theta antibody AAA212125 (lot AAA212125-1) used for IP at 6 ug/mg lysate. 14-3-3-theta was also immunoprecipitated by rabbit anti-14-3-3-theta antibody which recognizes an upstream epitope. For blotting immunoprecipitated 14-3-3-theta, AAA212125 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human 14-3-3-theta by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-14-3-3-theta (Cat. No. AAA212125 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-14-3-3theta antibody	14-3-3 theta is a member of the 14-3-3 family of proteins which serve as adapter proteins in specialized signal transduction pathways. There are 7 members of the 14-3-3 family of proteins: beta, gamma, epsilon, zeta, eta, theta, and sigma.
Product Categories/Family for anti-14-3-3theta 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; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/14-3-3-theta-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212125>