

Rabbit Phosphothreonine Polyclonal Antibody

Phosphothreonine Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71696	Rabbit	Human, Rat, Mouse	Immunocytochemistry, Immunoprecipitation, ELISA, Western Blot

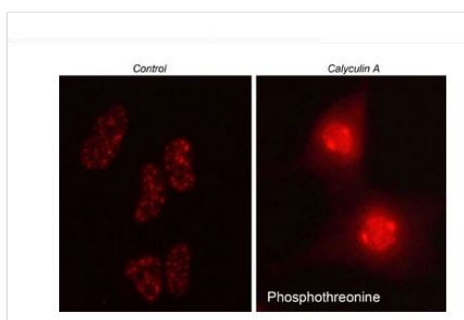
PRODUCT SYNONYMS

Phosphothreonine; Polyclonal Antibody; Phosphothreonine Antibody; Anti-Phosphothreonine; Phosphothr pAb; anti-Phosphothreonine antibody

PRODUCT SPECIFICATIONS

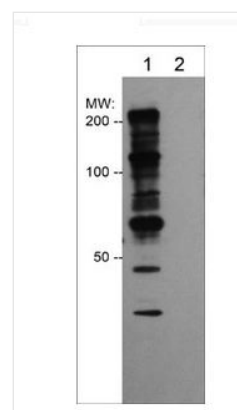
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	This antibody was cross-adsorbed to unphosphorylated peptide then affinity purified using phospho-threonine peptide (without carrier). The antibody detects many serine or threonine phosphorylated proteins by western blot and ELISA.
Form/Format	Rabbit polyclonal, affinity-purified antibody is supplied in 100ul phosphate-buffered saline, 50% glycerol, 1mg/ml BSA, and 0.05% sodium azide.
Applicable Applications for anti-Phosphothreonine antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Phosphothreonine synthetic peptides coupled to carrier protein.
Preparation and Storage	Store at -20 degree C. Stable for 1 year.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemical labeling of phosphothreonine upregulation in control (left) or calyculin A-treated HeLa cells (right). The cells were labeled with rabbit polyclonal anti-Phosphothreonine (PP4641). The antibody was detected using goat anti-rabbit DyLight 594.



WB (Western Blot)

Western blot of human A431 cells treated with Calyculin A (100nM) for 30 min. The blot was untreated (lane 1) or treated with lambda phosphatase (lanes 2), then probed with anti-Phosphothreonine (PP4641) at 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-Phosphothreonine antibody	Phosphorylation of specific serine or threonine residues is an important post-translational modification for regulating the activity of most proteins. Stimulation of a variety of cell signaling pathways activates the receptor and non-receptor ser/thr kinases that mediate these protein modifications. Antibodies that can detect phosphoserine or phosphothreonine residues are excellent tools for characterizing changes in the post-translational state of a broad range of phosphorylated proteins. Immunoprecipitation of proteins of interest followed by detection of phosphoserine or phosphothreonine using anti-phosphoserine antibody is commonly used to correlate changes in phosphorylation state with alterations in protein activity.
References	Yaffe, M.B. & Elia, A.E. (2001) Curr Opin Cell Biol 13, 131-8. Krishna, R.G. & Wold, F. (1993) Adv Enzymol Rel Areas Mol Biol 67:265. Hunter T.(1987) Cell. 50(6):823.

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/phosphothreonine-antibody-immunocytochemistry-immunoprecipitation-western-blot-elisa/71696>