

RABBIT ANTI-PHOSPHOTHREONINE
POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB1607	QUANTITY:	50 µg
LOT NUMBER:	xxxxxxx	CONCENTRATION:	0.25 mg/mL
SPECIFICITY:	By direct competitive ELISA methodology (antigen capture) the specificity of this antibody has been determined to be phosphothreonine. Binding of Ly-pT-Gly-HRP (0.2 µg/100µL/well) to an anti-phosphothreonine coated microplate (0.5 µg/100 µl/well) is inhibited by 95% with the addition of 2-10 µg/mL anti-phosphothreonine. No inhibition is evident by inhibition of phosphoserine, phosphotyrosine, or threonine at concentrations of up to 1 mg/mL. Antibody AB1607 recognizes phosphothreonine, peptidyl-phosphothreonine, and threonine-phosphorylated proteins.		
IMMUNOGEN:	Keyhole Limpet Hemocyanin (KLH) – conjugated phosphothreonine conjugates and Phosvitin.		
APPLICATIONS:	Western blot : 1:250 ELISA (kinase assay): 1:1000 Immunoprecipitation: Optimal working dilutions must be determined by end user.		
SPECIES REACTIVITY:	Anti-phosphothreonine is species independent		
FORMAT:	Affinity purified with phosphothreonine on Agarose.		
PRESENTATION:	Liquid in PBS, containing 50% Glycerol, 0.01% NaN ₃ .		
STORAGE/HANDLING:	Maintain refrigerated at -20°C in undiluted aliquots for up to 12 months from date of receipt. Avoid repeated freeze/thaw cycles.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

For research use only; not for use as a diagnostic.

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