

Phosphothreonine antibody

Cat. No. GTX29337

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IP, ELISA
Reactivity	Species independent

Package

100 µg

Applications

Application Note

ELISA(kinase assay): Use at 0.5 µg/ml Western blot: Use at 4µg/ml IP: Use at 10 µg/250 µg protein sample Will detect 100 ng of phosphotitin in Western Blots and 0.5 ng of phosphotitin with ELISA. Can be used for non-radioactive protein kinase assay (ELISA) using biotinylated peptide substrate and immunoblotting of abundant phosphoproteins. It is not recommended for immunoblotting of trace cellular phosphoproteins. Acetone precipitation of the protein extract followed by SDS denaturation is recommended for successful immunoprecipitation.

Product Note Reacts with free phosphothreonine but does not react with phosphoserine, threonine or phosphotyrosine.

Properties

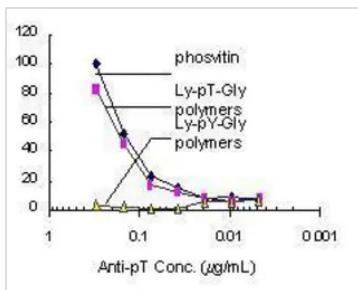
Form	Liquid
Buffer	TBS
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Chemical / Small Molecule conjugated to KLH.
Purification	Immunogen affinity purified Immunoaffinity chromatography with phosphothreonine-agarose.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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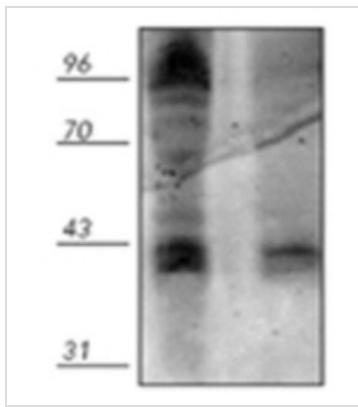
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DATA IMAGES



GTX29337 ELISA Image

Antibody Capture ELISA. Label: immobilized antigen

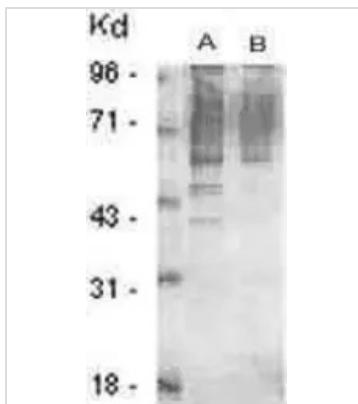


GTX29337 WB Image

Western blot analysis of mouse spleen extract probed with GTX29337.

Left Lane: Vanadium treated

Right lane: Untreated



GTX29337 WB Image

Immunoblotting of fetal mouse brain extract (125 µg - A and 25 µg - B)



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