

Product Datasheet

Phosphothreonine Antibody - Azide and BSA Free NBP1-78035

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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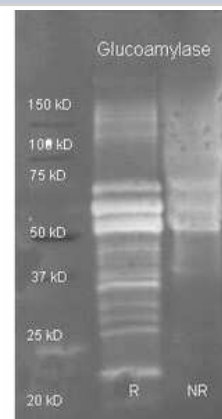
NBP1-78035**Phosphothreonine Antibody - Azide and BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 50% (v/v) Glycerol
Product Description	
Description	<p>This antibody was prepared from monospecific antiserum by immunoaffinity chromatography using phosphorylated threonine peptide coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit IgG</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Species	Non-species specific
Reactivity Notes	Reactivity is specific for phosphothreonine and minimal cross reactivity is observed against phosphotyrosine or phosphoserine
Immunogen	Phosphothreonine Antibody was prepared from whole rabbit serum produced by repeated immunizations with phosphothreonine conjugated KLH.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 2.0 ug/ml, ELISA 0.5 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 10.0 ug/mg, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This affinity-purified antibody is tested for use in ELISA, western blotting and immunoprecipitation assays. The antibody reacts specifically with phosphothreonine and shows minimal reactivity by ELISA and western blotting with proteins containing phosphotyrosine or phosphoserine residues. The antibody reacts with free phosphothreonine, phosphothreonine conjugated to carriers such as thyroglobulin or BSA, and detects the presence of phosphothreonine in proteins of both unstimulated and stimulated cell lysates. Although not tested, this antibody is likely functional in RIA, flow cytometry and immunohistochemistry.



Images

Western Blot: Phosphothreonine Antibody [NBP1-78035] - Goat anti Glucoamylase antibody was used to detect purified glucoamylase under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane.



Western Blot: Phosphothreonine Antibody [NBP1-78035] - shown to detect phosphorylated proteins present in mouse spleen cell lysates. Left Lane: extract of spleen from mouse treated with vanadium. Right lane: extract of spleen from untreated mouse.





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Products Related to NBP1-78035

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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