

# Product Datasheet

## Phosphothreonine Antibody - BSA Free **NB110-96896**

Unit Size: 0.4 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NB110-96896**

Phosphothreonine Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.4 ml
<b>Concentration</b>	0.25 mg/ml
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS, 50% Glycerol

**Product Description**

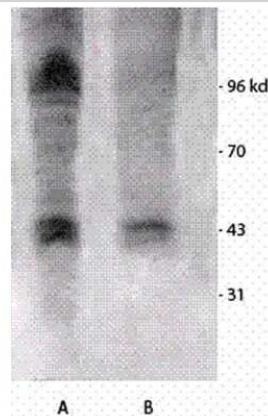
<b>Host</b>	Rabbit
<b>Species</b>	Non-species specific
<b>Specificity/Sensitivity</b>	Recognizes proteins phosphorylated on threonine residues. Does not cross-react with phosphotyrosine.
<b>Immunogen</b>	Phosphothreonine conjugated to KLH

**Product Application Details**

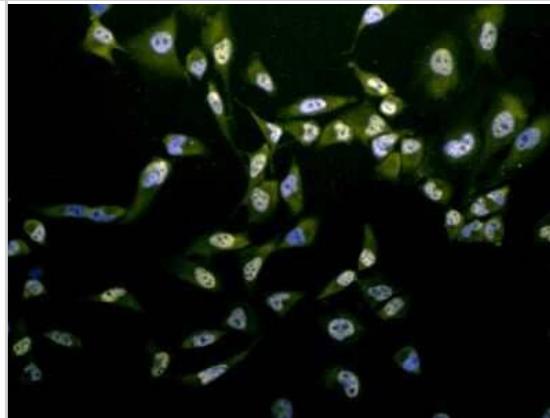
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA 1:2000, Immunocytochemistry/ Immunofluorescence 1:60, Immunoprecipitation 1:100

## Images

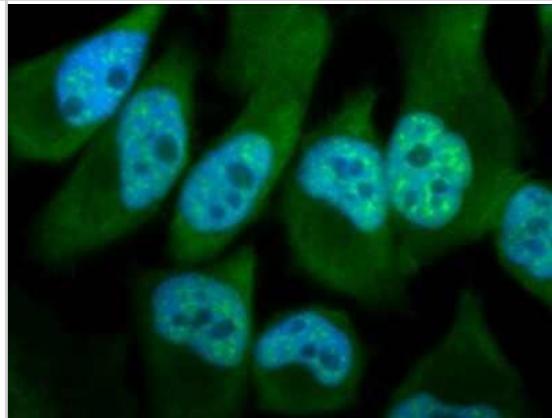
Western Blot: Phosphothreonine Antibody [NB110-96896] - Western blot analysis of Mouse brain cell lysates showing detection of Phosphothreonine protein using Rabbit Anti-Phosphothreonine Polyclonal Antibody (NB110-96896). Primary Antibody: Rabbit Anti-Phosphothreonine Polyclonal Antibody (NB110-96896) at 1:1000. Left: Treated with Vanadium, Right: Non-treated..



Immunocytochemistry/Immunofluorescence: Phosphothreonine Antibody [NB110-96896] - Human HeLa cells. Fixation: 2% Formaldehyde for 20 min at RT. Primary Antibody: Rabbit Anti-Phosphothreonine Polyclonal Antibody at 1:60 for 12 hours at 4C. Secondary Antibody: R-PE Goat Anti-Rabbit (yellow) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Cytoplasm. Nucleus. Magnification: 20x.



Immunocytochemistry/Immunofluorescence: Phosphothreonine Antibody [NB110-96896] - Human HeLa cells. Fixation: 2% Formaldehyde for 20 min at RT. Rabbit Anti-Phosphothreonine Polyclonal Antibody at 1:60 for 12 hours at 4C. Secondary Antibody: FITC Goat Anti-Rabbit (green) at 1:200 for 2 hours at RT. Counterstain: DAPI (blue) nuclear stain at 1:40000 for 2 hours at RT. Localization: Cytoplasm. Nucleus. Magnification: 100x.



## Publications

Alavi MV Tau phosphorylation and OPA1 proteolysis are unrelated events: Implications for Alzheimer's Disease  
Biochim Biophys Acta Mol Cell Res 2021-08-17 [PMID: 34400176] (WB, Mouse)



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### Products Related to NB110-96896

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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