

Product no **AS18 4171**

## Phosphothreonine

### Product information

<b>Immunogen</b>	KLH-conjugated phosphothreonine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified in PBS, 50% glycerol, 0.01% sodium azide.
<b>Format</b>	Liquid
<b>Quantity</b>	400 µl
<b>Storage</b>	Store at -20 °C for one year in storage buffer: PBS, 50 % glycerol and 0,01 % sodium azide, Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
<b>Additional information</b>	Affinity purified in PBS, pH 7.4 with 0.09 % sodium azide and 50 % glycerol at concentration 0.25 mg/ml. This antibody is recognizing proteins and peptides phosphorylated on threonine residues. There are no cross reactions with phosphotyrosine.

### Application information

<b>Recommended dilution</b>	ELISA (1:2000), ICC/IF (1:60), IP (1:100), WB (1:500)
<b>Confirmed reactivity</b>	Antibody detects proteins phosphorylated on threonine residues. Does not cross-react with phosphotyrosine. 5 % BSA is recommended to use for blocking as milk contains casein which is a phospho protein.
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	2 µg/ml of this antibody is sufficient for detection of phosphorylation signal in western blot using mouse spleen extract treated with Vanadium. Use freshly extracted samples. Precipitate target protein to purify it and avoid cross-reactions.
<b>Selected references</b>	<a href="#">Weise Havshøj et al. (2024)</a> . The mechanism behind tenuazonic acid-mediated inhibition of plant plasma membrane H <sup>+</sup> -ATPase and plant growth. JBC 107167.