

## TBK1

### Synthetic Human NF-kappa B-Activating Kinase/TANK-Binding Kinase 1 (aa 712-727)(CT) Blocking Peptide

<b>Catalog No.</b>	PX211BP	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	FLJ11330, NAK, T2K, NF-kB-activating kinase		
<b>Description:</b>	The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inactivate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFKB complex. The protein encoded by this gene is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors.		
<b>Gene ID:</b>	29110		
<b>Application:</b>	The peptide is used for blocking the antibody activity of NAK/TBK1. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.		
<b>Formulation:</b>	It is supplied as 200 µg/ml, 50 µg/vial , in PBS pH7.2 (10 mM NaH <sub>2</sub> PO <sub>4</sub> , 10 mM, Na <sub>2</sub> HPO <sub>4</sub> , 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Sequence:</b>	ERFGSLTMDGGLRNVD		
<b>Storage &amp; Stability:</b>	Store at -20°C, stable for one year.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

