

## TBK1/NAK (Phospho Ser172) rabbit pAb

Catalog No :	YP1527
Reactivity :	Human;Mouse
Applications :	ELISA
Target :	TBK1
Fields :	>>Ras signaling pathway;>>Mitophagy - animal;>>Autophagy - animal;>>Toll- like receptor signaling pathway;>>NOD-like receptor signaling pathway;>>RIG-I- like receptor signaling pathway;>>Cytosolic DNA-sensing pathway;>>IL-17 signaling pathway;>>Alcoholic liver disease;>>Amyotrophic lateral sclerosis;>>Pathways of neurodegeneration - multiple diseases;>>Shigellosis;>>Yersinia infection;>>Hepatitis C;>>Hepatitis B;>>Measles;>>Human cytomegalovirus infection;>>Influenza A;>>Human papillomavirus infection;>>Kaposi sarcoma-associated herpesvirus infection;>>Herpes simplex virus 1 infection;>>Epstein-Barr virus infection;>>Human immunodeficiency virus 1 infection;>>Coronavirus disease - COVID-19;>>Lipid and atherosclerosis
Gene Name :	TBK1 NAK
Protein Name :	TBK1/NAK (Ser172)
Human Gene Id :	29110
Human Swiss Prot	Q9UHD2
NO : Mouse Gene Id :	56480
Mouse Swiss Prot No :	Q9WUN2
Immunogen :	Synthesized phosho peptide around human TBK1 and NAK (Ser172)
Specificity :	This antibody detects endogenous levels of Human Mouse TBK1/NAK (phospho- Ser172)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.



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Source :	Polyclonal, Rabbit,IgG
Dilution :	ELISA: 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography
	using specific immunogen.
<b>Concentration :</b>	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	80kD
Cell Pathway :	Toll Like:BIG-I-like receptor:Cytosolic DNA-sensing pathway:
Background ·	The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKR)
Buonground :	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
	lactors. [provided by ReiSeq, Oct 2010],
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Function :	Catalytic activity: A I P + a protein = ADP + a protein involved in the signaling
	cascade converging to the activation of the transcription factor NF-kappa-B. May
	function as an IKK kinase, plaving an essential role in the transcription determined by the
	of TNF-alpha-induced genes. Also mediates production of RANTES/CCL5 and
	interferon-beta/IFNB1. Has a pivotal role in the innate immune response.
	Phosphorylates Borna disease virus (BDV) P protein. Phosphorylates and
	activates IRF3 and IRF7 and allows their nuclear localization. This leads to
	production of alpha/beta interferons and the development of a cellular antiviral
	response. Inhibition of its interaction with IRE3, due to HCV NS3 binding or BDV
	P protein seems to be one mechanism of inhibition of the innate immu
Subcellular	Cytoplasm, Upon mitogen stimulation or triggering of the immune system, TBK1
Location :	is recruited to the exocyst by EXOC2.
Expression :	Ubiquitous with higher expression in testis. Expressed in the ganglion cells,
	nerve fiber layer and microvasculature of the retina.
Tag :	orthogonal
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Sort :	1



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No4 :	1	
Host :	Rabbit	
Modifications :	Phospho	

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