TBK1 (Phospho Ser172) Rabbit mAb (AR1603)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IF,ELISA
Isotype:	IgG,Kappa
MW:	84kD (Calculated) 84kD (Observed)

Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal

Immunogen Information

Specificity	TBK1 (Phospho Ser172) Antibody detects endogenous levels of Tau protein only when phosphorylated at Ser172.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):FVsLY

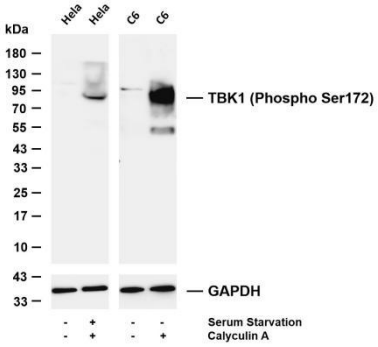
Target Information

Gene name	TBK1 NAK
Protein Name	TBK1/NAK (Ser172)

Organism	Gene ID	UniProt ID

	Human	29110	Q9UHD2
	Mouse	56480	Q9WUN2
Cellular Localization	Cytoplasm. Upon mitogen stimulation or triggering of the immune system, TBK1 is recruited to the exocyst by EXOC2.		
Tissue specificity	Ubiquitous with higher expression in testis. Expressed in the ganglion cells, nerve fiber layer and microvasculature of the retina.		

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TBK1 (Phospho Ser172) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.
Lane 1: Hela
Lane 2: Hela serum was starved overnight and treated with 20% FBS and Calyculin A (100nM) for 15 minutes
Lane 3: C6
Lane 4: C6 was treated with Calyculin A(100nM) for 30 minutes
Predicted band size: 84kDa
Observed band size: 84kDa

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