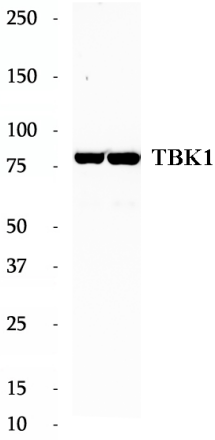


Certificate of Analysis

Catalog Number	BP64774
Product Name	Anti-TBK1 antibody

Physical and Chemical Properties

Molecular Weight	84 kDa
GenBank	BC034950
Uniprot	Q9UHD2
Concentration	780 µg/ml
Form	Liquid
Storage Instruction	10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol. Store at -20°C. Do Not Aliquot.
Chemical Structure OR Tested Image	 <p>250 - 150 - 100 - 75 - TBK1 50 - 37 - 25 - 15 - 10 -</p>

Product Information

Description	TBK1, also named as tumor necrosis factor (TNF) receptor-associated factor NF-kB activator (TANK)-binding kinase 1 (TBK1), NF-kB-activating kinase (NAK), T2K, is a multimeric kinase that modulates inflammation and autophagy. It is a ubiquitously expressed serine-threonine kinase belonging to the 'noncanonical I κ B kinases' (IKKs) recognized for its critical role in regulating type I IFN production. And TBK1 is an important player in yet another critical cellular function, autophagy. This antibody is specific for TBK1.
Tested Applications	WB: 1:1000; IF: 1:100-1:300; IHC:1:50-1:200
Species Reactivity	Human, Mouse, Rat
Host Species/Isotype	Rabbit/IgG

Analytical Data

Quality Assurance	The biological and chemical parameters such as concentration, purity, application and specificity of the tested antibody comply with the above-mentioned criteria of the product.
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v2 Revision on 12/28/2022