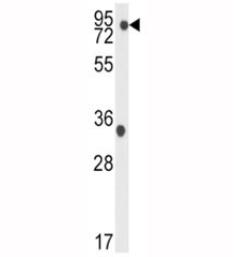
TBK1 Antibody (F50864)

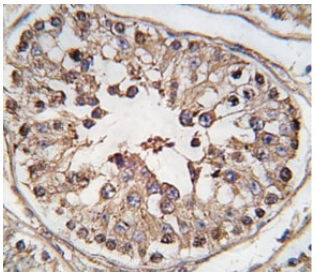
Catalog No.	Formulation	Size
F50864-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50864-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Xenopus
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9UHD2
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
Limitations	This TBK1 antibody is available for research use only.



Western blot analysis of TBK1 antibody and K562 lysate. Predicted molecular weight: ~84 kDa.



IHC analysis of FFPE human testis tissue stained with TBK antibody

Description

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. TKB is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. The protein can form a complex with the IKB protein TANK and TRAF2 and release the NFKB inhibition caused by TANK.

Application Notes

Titration of the TBK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 150-181 from the human protein was used as the immunogen for this TBK1 antibody.

Storage

Aliquot the TBK1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.