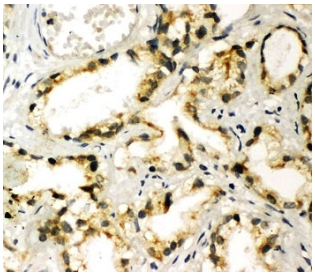
TBK1 Antibody (R31230)

Catalog No.	Formulation	Size
R31230	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

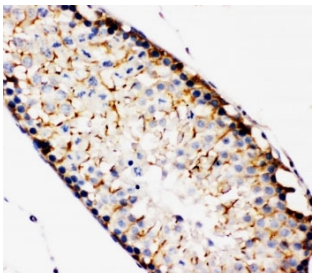
Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9UHD2
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This TBK1 antibody is available for research use only.

Western blot testing of TBK1 antibody and Lane 1: HeLa; 2: rat testis; 3: rat liver; Predicted molecular weight: ~84 kDa.



IHC-P: TBK1 antibody testing of human prostate cancer tissue. HIER: steamed with pH6 citrate buffer.



IHC-P: TBK1 antibody testing of rat testis tissue. HIER: steamed with pH6 citrate buffer.

Description

Serine/threonine-protein kinase TANK-binding kinase 1 or NF-kappa-B-activating kinase is an enzyme that in humans is encoded by the TBK1 gene. The gene was assigned to human chromosome 12q14.2. Serine/threonine kinases plays an essential role in regulating inflammatory responses to foreign agents. TBK1 and NF-kappa-B signaling are essential in KRAS mutant tumors, and established a general approach for the rational identification of codependent pathways in cancer.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TBK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human TANK-binding kinase 1 (YNEEQIHKFDKQKL) was used as the immunogen for this TBK1 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the TBK1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.