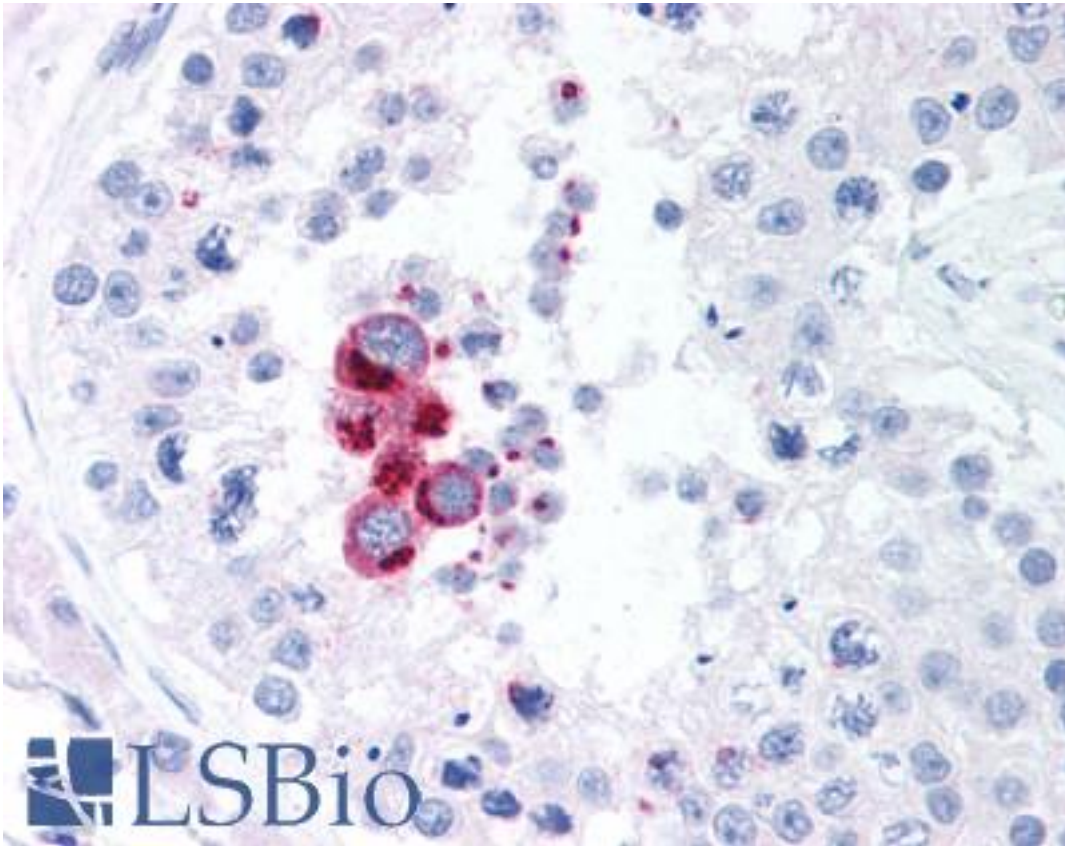


NAK / TBK1 Mouse anti-Human Monoclonal (aa563-577) (108A429) Antibody - LS-B1317 - LSBio	
CatalogID:	LS-B1317
Validation:	This antibody replaces catalog number LS-C594. It has been validated for use in the following assays: IHC.
Target:	TANK-binding kinase 1 (TBK1)
Synonyms:	TBK1 Antibody, T2K Antibody, NAK Antibody, NF-kappa-B-activating kinase Antibody, NF-kB-activating kinase Antibody, TANK-binding kinase 1 Antibody
Family / Subfamily:	Protein Kinase / IKAPPAB
Host	TBK1 antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG1,k
Clone Name:	108A429
Immunogen Species:	NAK / TBK1 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	NAK / TBK1 antibody was raised against a synthetic peptide corresponding to amino acids 563-577 (YYQFKKDKAERRLAYC) of human TBK1 was used as immunogen for this antibody. This sequence is 100% conserved between human, mouse, rat, dog and cow. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Dog, Hamster, Panda, Horse, Rabbit, Pig (100%); Elephant, Chicken, Platypus (93%); Bat, Turkey, Lizard (87%); Xenopus, Pufferfish, Zebrafish, Stickleback (80%).
Specificity:	A synthetic peptide corresponding to amino acids 563-577 YYQFKKDKAERRLAYC of human TBK1. GenBank no. NP-037386.1 was used as immunogen. This sequence is 100% conserved between human, mouse, rat, dog and cow.
Epitope:	aa563-577
Reactivity:	Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Bovine, Dog, Hamster, Horse, Pig, Rabbit
Predicted Reactivity:	Chicken
Purification:	Protein G purified
Presentation:	PBS, 0.05% BSA, 0.05% sodium azide. Sourced in TCS.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B1317 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1317 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (1 - 2 µg/ml) (Optimal dilution to be determined by the researcher)

Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-TBK1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1317 concentration 10 ug/ml.

Requested From:	Japan
------------------------	-------

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

Created on 9/23/2014

© 2014 LifeSpan BioSciences