



Datasheet for ABIN6747170
anti-TBK1 antibody (AA 539-588)



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2 Images

Overview

Quantity:	100 µL
Target:	TBK1
Binding Specificity:	AA 539-588
Reactivity:	Human, Mouse, Rat, Cow, Dog, Monkey, Pig, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa539-588 of human TBK1 (Q9UHD2, NP_037386). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Platypus (100%), Zebra finch, Chicken, Lizard, Stickleback, Zebrafish (92%), Bat, Turkey, Xenopus (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human TBK1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig (100%)

Product Details

Chicken, Zebrafish (92%) Xenopus (85%).

Purification: Immunoaffinity purified

Target Details

Target: TBK1

Alternative Name: NAK / TBK1 ([TBK1 Products](#))

Background: Name/Gene ID: TBK1
Subfamily: IKAPPAB
Family: Protein Kinase

Synonyms: TBK1, T2K, NAK, NF-kappa-B-activating kinase, NF-kB-activating kinase, TANK-binding kinase 1

Gene ID: 29110

NCBI Accession: [NP_037386](#)

UniProt: [Q9UHD2](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:312500.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

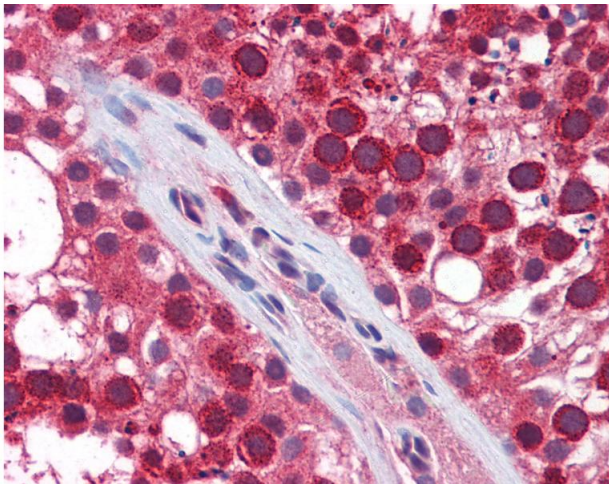
Reconstitution: Distilled water

Concentration: Lot specific

Handling

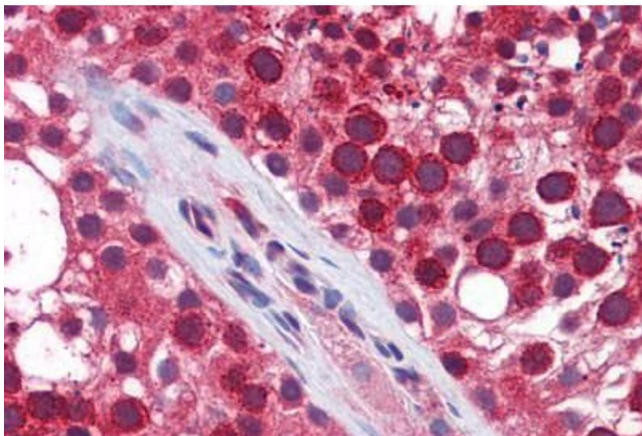
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-TBK1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other form ...



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)