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Datasheet for ABIN3029412
anti-TNK1 antibody (AA 256-286)

3 Images

Overview

Quantity:	0.4 mL
Target:	TNK1
Binding Specificity:	AA 256-286
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 256-286 from the human protein was used as the immunogen for this TNK1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Purified

Target Details

Target:	TNK1
Alternative Name:	TNK1 (TNK1 Products)
Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor,

Target Details

generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains.

UniProt: [Q13470](#)

Application Details

Application Notes: Titration of the TNK1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

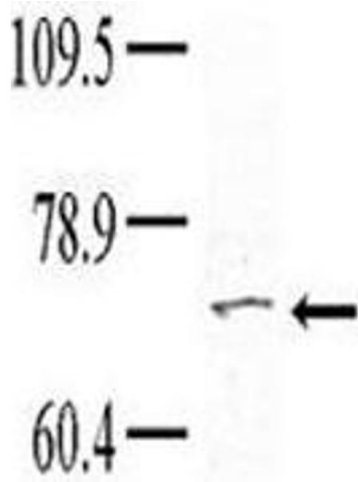
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

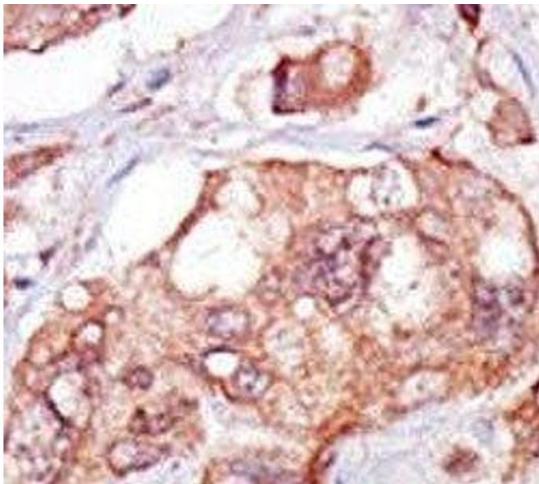
Storage: -20 °C

Storage Comment: Aliquot the TNK1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



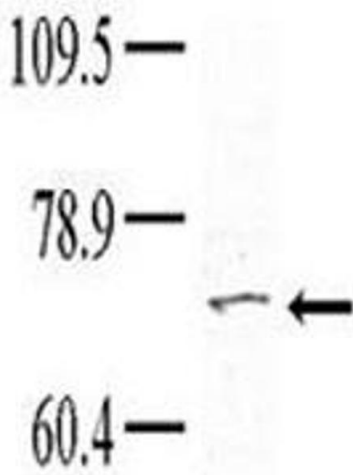
Western Blotting

Image 1. Western blot analysis of TNK1 antibody (1:100) in HeLa lysate; Courtesy of Dr. Richard Lu, Partners HealthCare System at Harvard University.



Immunohistochemistry

Image 2. IHC analysis of FFPE human breast carcinoma tissue stained with the TNK1 antibody



Western Blotting

Image 3. Western blot analysis of TNK1 antibody (1:100) in HeLa lysate