

Datasheet for ABIN213549
anti-TNIK antibody (Internal Region)

2 Images

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Overview

Quantity:	50 µg
Target:	TNIK
Binding Specificity:	Internal Region
Reactivity:	Human, Rabbit, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNIK antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 18 amino acid peptide from internal region of human TNIK. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Bat, Rabbit (100%), Dog, Elephant, Panda, Horse (94%), Mouse, Rat (89%), Bovine (83%). Type of Immunogen: Synthetic peptide
Specificity:	Human TNIK. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Bat, Rabbit (100%) Dog, Elephant, Panda, Horse (94%) Mouse, Rat (89%) Bovine

Product Details

(83%).

Purification: Immunoaffinity purified

Target Details

Target: TNIK

Alternative Name: TNIK ([TNIK Products](#))

Background: Name/Gene ID: TNIK
Subfamily: MSN
Family: Protein Kinase

Synonyms: TNIK, ZC2, KIAA0551

Gene ID: 23043

Application Details

Application Notes: Approved: ELISA, IHC, IHC-P (5 - 10 µg/mL)

Usage: Immunohistochemistry: This antibody 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 this antibody was determined to be 5-10 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

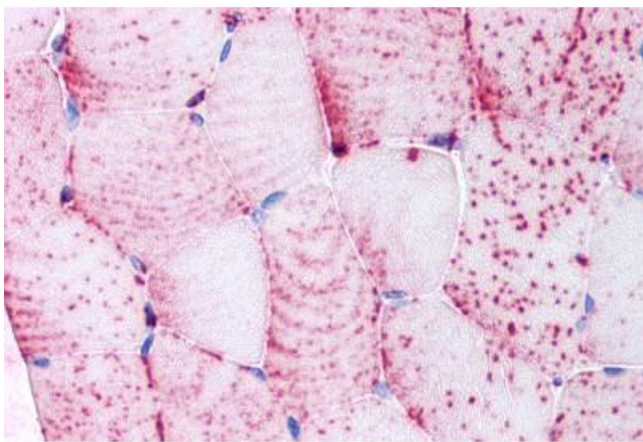
Buffer: PBS, less than 0.1 % sodium azide.

Preservative: Sodium azide

Handling

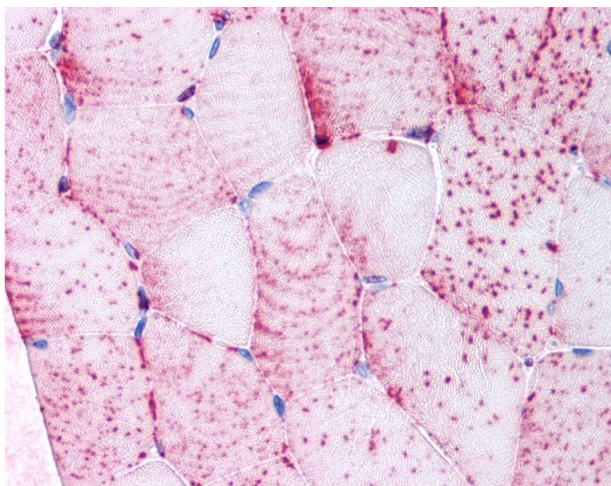
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Skeletal Muscle, Myocytes (formalin-fixed, paraffin-embedded) stained with TNIK antibody ABIN213549 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-TNIK antibody IHC of human skeletal muscle, myocytes. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.