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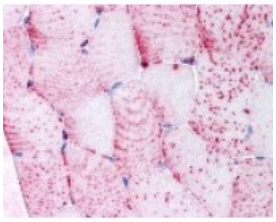
TNIK Antibody

CATALOG NUMBER: 48-330



Immunohistochemistry staining of TNIK in skeletal muscle, myocytes tissue using TNIK Antibody.

Specifications

SPECIES REACTIVITY:	Bat, Gibbon, Gorilla, Human, Monkey
TESTED APPLICATIONS:	ELISA, IHC
APPLICATIONS:	TNIK antibody can be used in immunohistochemistry starting at 15 - 20 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
SPECIFICITY:	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
IMMUNOGEN:	TNIK antibody was raised against a peptide located near the internal domain of TNIK (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.1% sodium azide.
STORAGE CONDITIONS:	TNIK antibody should be stored long term (months) at -80 ˚C and short term (days) at 4 ˚C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	TNIK, ZC2, KIAA0551
ACCESSION NO.:	Q9UKE5
PROTEIN GI NO.:	29840818
OFFICIAL SYMBOL:	TNIK
GENE ID:	23043

Background

BACKGROUND:	TNIK is a MSN protein kinase that interacts with both TNF receptor-associated factor 2 (TRAF2) and the adapter

protein NCK. The protein has been shown to activate the c-Jun N-terminal kinase pathway when overexpressed in Phoenix-A cells, and this activation is mediated solely by the C-terminal germinal center kinase homology region. TNIK has been shown to phosphorylate gelsolin, the principal intracellular and extracellular actin-severing protein, in vitro. This and evidence from mutational studies suggest that TNIK functions in the regulation of the cytoskeleton. At least eight splice isoforms have been reported.

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