

Datasheet for ABIN2790058
anti-TNK1 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	TNK1
Binding Specificity:	C-Term
Reactivity:	Human, Guinea Pig, Pig, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	EIRQARAVPQ GPPGLPPRPP LSSSSPQPSQ PSRERLPWPK RKPPHNHPMG
Predicted Reactivity:	Guinea Pig: 83%, Human: 100%, Pig: 85%, Rabbit: 77%, Yeast: 100%
Characteristics:	This is a rabbit polyclonal antibody against TNK1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TNK1
Alternative Name:	TNK1 (TNK1 Products)
Background:	The protein encoded by this gene belongs to the tyrosine protein kinase family. Tyrosine protein kinases are important regulators of intracellular signal transduction pathways, mediating

Target Details

cellular proliferation, survival, and development. This gene is highly expressed in fetal tissues and at lower levels in few adult tissues, thus may function in signaling pathways utilized broadly during fetal development, and more selectively in adult tissues. It plays a negative regulatory role in the Ras-Raf1-MAPK pathway, and knockout mice have been shown to develop spontaneous tumors, suggesting a role as a tumor suppressor gene. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: MGC46193

Protein Interaction Partner: HSP90AA1, UBC, PLCG1, TNK1, SFN,

Protein Size: 661

Molecular Weight: 72 kDa

Gene ID: 8711

NCBI Accession: [NM_003985](#), [NP_003976](#)

UniProt: [Q13470](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 661 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

