

Datasheet for ABIN1724711
anti-TNK1 antibody (AA 451-560)[Go to Product page](#)

1 Image

2 Publications

Overview

Quantity:	100 µL
Target:	TNK1
Binding Specificity:	AA 451-560
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of TNK1 (aa451-560) expressed in E. coli.
Clone:	1B5G3
Isotype:	IgG1
Purification:	purified

Target Details

Target:	TNK1
Alternative Name:	TNK1 (TNK1 Products)
Background:	Description: TNK1: tyrosine kinase, non-receptor, 1. TNK1 is a nonreceptor tyrosine kinase(NRPTK). These kinases, like members of the SRC (MIM 190090) and JAK (see MIM

Target Details

147795) families, mediate intracellular signaling downstream of receptor activation. Tnk1 is a ubiquitously expressed 47- kDa protein with autotyrosine kinase activity that is developmentally regulated during embryogenesis. Tnk1 is also upregulated following IL3 withdrawal from factor-dependent murine NSF/N1.H7 cells that undergo apoptosis, suggesting a role in growth inhibition. Data support a negative regulatory role for Tnk1 in regulating the Ras-Raf1-MAPK growth pathway by a mechanism that requires its autotyrosine kinase activity.

Aliases: MGC46193, TNK1

Gene ID: 8711

HGNC: 8711

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % 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.

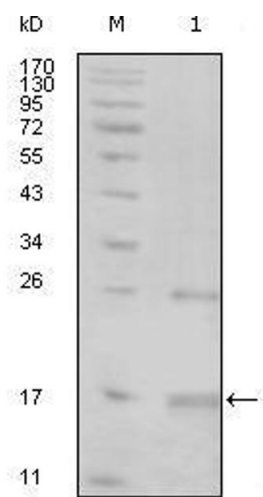
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Zuhlke, Johnson, Okoth, Stoffel, Robbins, Tembe, Salinas, Zheng, Xu, Carpten, Lange, Isaacs, Cooney: "Identification of a novel NBN truncating mutation in a family with hereditary prostate cancer." in: **Familial cancer**, Vol. 11, Issue 4, pp. 595-600, (2012) ([PubMed](#)).

Zheng, Zhang, Jiang, You, Liu, Lu, Zhou: "Functional NBS1 polymorphism is associated with occurrence and advanced disease status of nasopharyngeal carcinoma." in: **Molecular carcinogenesis**, Vol. 50, Issue 9, pp. 689-96, (2011) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using TNK1 mouse mAb against truncated TNK1-His recombinant protein (1).