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## Datasheet for ABIN701215 **anti-TNK1 antibody (AA 581-666)**

### Overview

Quantity:	100 µL
Target:	TNK1
Binding Specificity:	AA 581-666
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNK1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TNK1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Horse
Purification:	Purified by Protein A.

### Target Details

Target:	TNK1
Alternative Name:	TNK1 ( <a href="#">TNK1 Products</a> )

## Target Details

Background:	<p>Synonyms: CD38 negative kinase 1, EC 2.7.10.2 antibody Kinase of embryonic stem cells, Kos 1, Kos1, MGC46193, Non receptor tyrosine protein kinase TNK 1, Non receptor tyrosine protein kinase TNK1, Tnk 1, Tyrosine kinase non receptor 1.</p> <p>Background: Tnk1 is a nonreceptor protein tyrosine kinase (NRPTK) and a new member of the Ack family of NRPTKs. 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.</p>
Gene ID:	8711

## Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months