# Human TNFAIP3-interacting protein 3 (TNIP3) ELISA Kit

Catalog No: #EK6182

Package Size: #EK6182-1 48T #EK6182-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

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| Product Name | Human TNFAIP3-interacting protein 3 (TNIP3) ELISA Kit |
| Brief Description | ELISA Kit |
| Applications | ELISA |
| Species Reactivity | Human (Homo sapiens) |
| Other Names | ABIN-3; FLJ21162; LIND; ABIN-3 beta\|Listeria induced\|TNFAIP3-interacting protein 3 beta\|TNIP3 beta |
| Accession No. | Q96KP6 |
| Uniprot | Q96KP6 |
| GeneID | 79931; |
| Storage | The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C). |

## Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate TNIP3 in samples. An antibody specific for TNIP3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNIP3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNIP3 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNIP3 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Using differential display RT-PCR, followed by 5-prime and 3-prime RACE, Staege et al. (2001) isolated a cDNA encoding TNIP3, which they called LIND, that was upregulated in monocytes infected with Listeria monocytogenes.
The predicted 325-amino acid protein contains 3 coiled-coil domains and is most likely localized to the nucleus. The authors identified potential splice sites that would result in variants with different C termini. Northern blot analysis detected 1.7- and 2.4-kb transcripts in Listeria-infected monocytes, but not in uninfected controls. RT-PCR analysis showed highest expression in lung, lymph node, thymus, and fetal liver, with lower levels in brain, spleen, leukocytes, and tonsils. Northern blot analysis of multiple tissues showed no expression.

Note: This product is for in vitro research use only