

Mouse TNFAIP3-interacting protein 2 (TNIP2) ELISA Kit



Catalog No: #EK6183

Orders: order@signalwayantibody.com

Package Size: #EK6183-1 48T #EK6183-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Mouse TNFAIP3-interacting protein 2 (TNIP2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	RP3-474M20.1; ABIN2; DKFZp434J1313; FLIP1; KLIP; MGC4289; A20-binding inhibitor of NF-kappaB activation 2 A20-binding inhibitor of NF-kappaB activation-2 fetal liver LKB1-interacting protein
Accession No.	Q99JG7
Uniprot	Q99JG7
GeneID	231130;
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. 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 TNIP2 in samples. An antibody specific for TNIP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNIP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNIP2 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 TNIP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:TNIP2 binds to the C-terminal zinc finger domain of A20 (TNFAIP3) and is involved in activation of the ERK MAP kinase pathway in various cell types.

By yeast 2-hybrid screening of a mouse fibrosarcoma cDNA library using A20 as bait, followed by database analysis, Van Huffel et al. (2001) identified human TNIP2, which they called ABIN2. The mouse and human proteins share 76% amino acid identity. Northern blot analysis of mouse tissues revealed ubiquitous expression, with highest expression in kidney and weakest expression in skeletal muscle. Western blot analysis revealed a 50-kD endogenous Abin2 protein in mouse macrophages and fibrosarcoma cells.

Note: This product is for in vitro research use only