TRAF6 Antibody

Catalog No: #31136

Package Size: #31136-1 50ul #31136-2 100ul

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

Description

Product Name	TRAF6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total TRAF6 protein.
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to a region derived from 350-522 amino acids of human TNF receptor-associated factor 6, E3 ubiquitin protein ligase
Conjugates	Unconjugated
Target Name	TRAF6
Other Names	TNF receptor-associated factor 6, E3 ubiquitin protein ligase, RNF85; MGC:3310
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

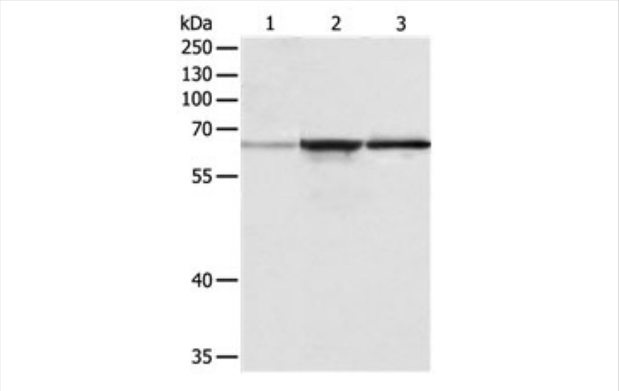
Predicted MW: 60kd

ELISA: 1:1000-1:2000

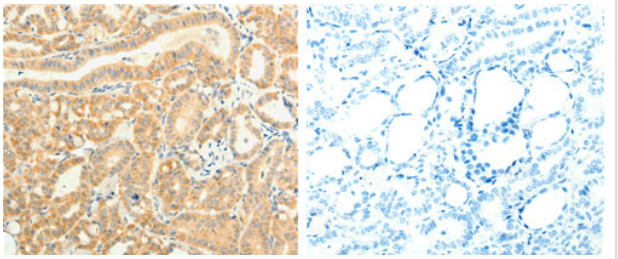
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:15-1:50

Images



Gel: 10%SDS-PAGE
Lane1: A431 cell lysate
Lane2: Human liver cancer tissue lysate
Lane3: Hela cell lysate
Lysates: 40 ug per lane
Primary antibody: 1/250 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 2 minutes



The image on the left is immunohistochemistry of paraffin-embedded human thyroid cancer tissue using 31136(TRAF6 Antibody) at dilution 1/15, on the right is treated with the fusion protein.

Background

The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins are associated with, and mediate signal transduction from, members of the TNF receptor superfamily. This protein mediates signaling from members of the TNF receptor superfamily as well as the Toll/IL-1 family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates IkappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has been found to be required for IKK activation by this protein. This protein also interacts with the transforming growth factor (TGF) beta receptor complex and is required for Smad-independent activation of the JNK and p38 kinases.

Published Papers

Yuwen Liu;Jiping Liu;Naping Hu;Zhengrong Li;Anqi Liu;Ruyue Luo;Siyu Du;Dongyan Guo;Jiankang Li;Jialin Duan el at., Classical prescription Daqinjiao decoction inhibit cerebral ischemia/reperfusion induced necroptosis and ferroptosis through multiple mechanisms., , (2025)

PMID:39736347

Note: This product is for in vitro research use only and is not intended for use in humans or animals.