

Product Name: KD-Validated Tribbles Pseudokinase 3 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA01194

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 39.6kDa

Antigen Information

Gene Name	TRIB3 TRIB3; Tribbles Pseudokinase 3; TRB3; P65-Interacting Inhibitor Of NF-Kappa-B; Tribbles Homolog 3; DJ1103G7.3; C20orf97; SKIP3; TRB-3; NIPK; SINK; Neuronal Cell Death Inducible
Alternative Names	Putative Kinase; Neuronal Cell Death-Inducible Putative Kinase; P65-Interacting Inhibitor Of NF-KappaB; Chromosome 20 Open Reading Frame 97; Tribbles Homolog 3 (Drosophila); C20ORF97
Gene ID	57761.0
SwissProt ID	Q96RU7
Immunogen	A synthesized peptide derived from human TRIB3

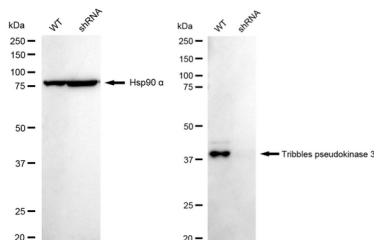
Background

The protein encoded by this gene is a putative protein kinase that is induced by the transcription factor NF-kappaB. The encoded protein is a negative regulator of NF-kappaB and can also sensitize cells to TNF- and TRAIL-induced apoptosis. In addition, this protein can negatively regulate the cell survival serine-threonine kinase AKT1. Differential promoter usage and alternate splicing result in multiple transcript variants. [provided by RefSeq, Jul 2014]

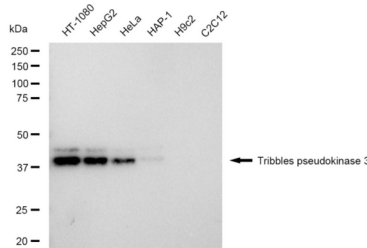
Research Area

Signal Transduction, Cell Biology, Cardiovascular

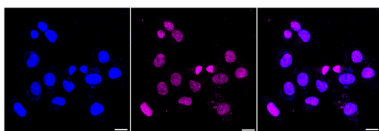
Image Data



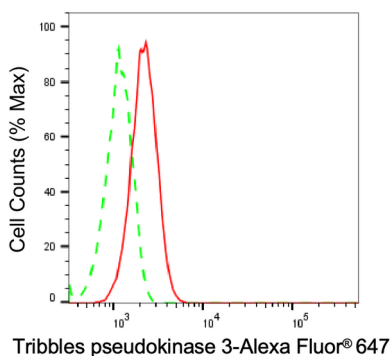
Western blotting analysis using Tribbles pseudokinase 3 antibody (KVA01194). Tribbles pseudokinase 3 expression in wild type (WT) and Tribbles pseudokinase 3 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with Tribbles pseudokinase 3 antibody (KVA01194, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using tribbles pseudokinase 3 antibody (KVA01194). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with tribbles pseudokinase 3 antibody (KVA01194, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HT-1080 cells with Tribbles pseudokinase 3 antibody (KVA01194, 1:1,000). Nuclei were stained blue with DAPI; Tribbles pseudokinase 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Very low. Scale bar: 20 µm.



Flow cytometric analysis of Tribbles pseudokinase 3 expression in HT-1080 cells using Tribbles pseudokinase 3 antibody (KVA01194, 1:2,000). Green, isotype control; red, Tribbles pseudokinase 3.