Anti-TRIB3 antibody

Description	Unconjugated Rabbit polyclonal to TRIB3

Model	STJ191991
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Gene ID	57761
Gene Symbol	TRIB3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	TRIB3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highest expression in liver, pancreas, peripheral blood leukocytes and bone marrow. Also highly expressed in a number of primary lung, colon and breast tumors. Expressed in spleen, thymus, and prostate and is undetectable in other examined tissues, including testis, ovary, small intestine, colon, leukocyte, heart, brain, placenta, lung, skeletal muscle, and kidney.
Purification	TRIB3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Tribbles homolog 3 TRB-3 Neuronal cell death-inducible putative kinase SINK p65-interacting inhibitor of NF-kappa-B
Molecular Weight	39 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16228OMIM:607898
Alternative Names	Tribbles homolog 3 TRB-3 Neuronal cell death-inducible putative kinase SINK p65-interacting inhibitor of NF-kappa-B
Function	Disrupts insulin signaling by binding directly to Akt kinases and blocking their activation. May bind directly to and mask the 'Thr-308' phosphorylation site in AKT1. Binds to ATF4 and inhibits its transcriptional activation activity. Interacts with the NF-kappa-B transactivator p65 RELA and inhibits its phosphorylation and thus its transcriptional activation activity. Interacts with MAPK kinases and regulates activation of MAP kinases. May play a role in programmed neuronal cell death but does not appear to affect non-neuronal cells. Does not display kinase activity. Inhibits the transcriptional activity of DDIT3/CHOP and is involved in DDIT3/CHOP-dependent cell death during ER stress. Can inhibit APOBEC3A editing of nuclear DNA.
Sequence and Domain Family	The protein kinase domain is predicted to be catalytically inactive.
Cellular Localization	Nucleus