

TXNIP rabbit pAb

Catalog No :	YT8122
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	TXNIP
Gene Name :	TXNIP VDUP1
Protein Name :	Thioredoxin-interacting protein (Thioredoxin-binding protein 2) (Vitamin D3 up-regulated protein 1)
Human Gene Id :	10628
Human Swiss Prot No :	Q9H3M7
Mouse Gene Id :	56338
Mouse Swiss Prot No :	Q8BG60
Rat Gene Id :	117514
Rat Swiss Prot No :	Q5M7W1
Immunogen :	Synthesized peptide derived from human N-terminal TXNIP
Specificity :	This antibody detects endogenous levels of TXNIP at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	43kD
Function :	May act as an oxidative stress mediator by inhibiting thioredoxin activity or by limiting its bioavailability. Interacts with COPS5 and restores COPS5-induced suppression of CDKN1B stability, blocking the COPS5-mediated translocation of CDKN1B from the nucleus to the cytoplasm. Functions as a transcriptional repressor, possibly by acting as a bridge molecule between transcription factors and corepressor complexes, and over-expression will induce G0/G1 cell cycle arrest. Required for the maturation of natural killer cells. Acts as a suppressor of tumor cell growth. Inhibits the proteasomal degradation of DDIT4, and thereby contributes to the inhibition of the mammalian target of rapamycin complex 1 (mTORC1).
Subcellular Location :	Cytoplasm .
Sort :	999
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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