

## TXNIP rabbit pAb

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

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	43kD
<b>Function :</b>	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).
<b>Subcellular Location :</b>	Cytoplasm .
<b>Sort :</b>	999
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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