

Mouse Txnip Antibody (Center)

Catalog_no :	AB2023
Reactivity :	M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	MOUSE:116-145
Specificity :	This Mouse Txnip antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-145 amino acids from the Central region of mouse Txnip.
Dilution :	IHC-P,1:100;WB,1:2000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Thioredoxin-interacting protein, Vitamin D3 up-regulated protein 1, Txnip, Vdup1
Isotype :	Rabbit Ig
Background :	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.
reference :	Kwon, H.J., et al. Toxicol. Appl. Pharmacol. 248(3):277-284(2010) Kwon, H.J., et al. J. Immunol. 185(7):3980-3989(2010) Ren, Y., et al. FEBS Lett. 584(15):3480-3485(2010) Chutkow, W.A., et al. Diabetes 59(6):1424-1434(2010) Shao, Y., et al. Immunol.