

Anti-TXNIP Antibody (4A479)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 44 kDa.
Clone:	4A479
Purification:	ProA affinity purified

Applications

Application:	FCM,ICC/IF,IHC,WB
Recommended	WB: 1:1000-5000; IHC: 1:50-200; ICC/IF: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q9H3M7
Synonyms:	Vitamin D3 up-regulated protein 1;Thioredoxin-binding protein 2;Thioredoxin-interacting protein;TXNIP;VDUP1

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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